

FIG. 1

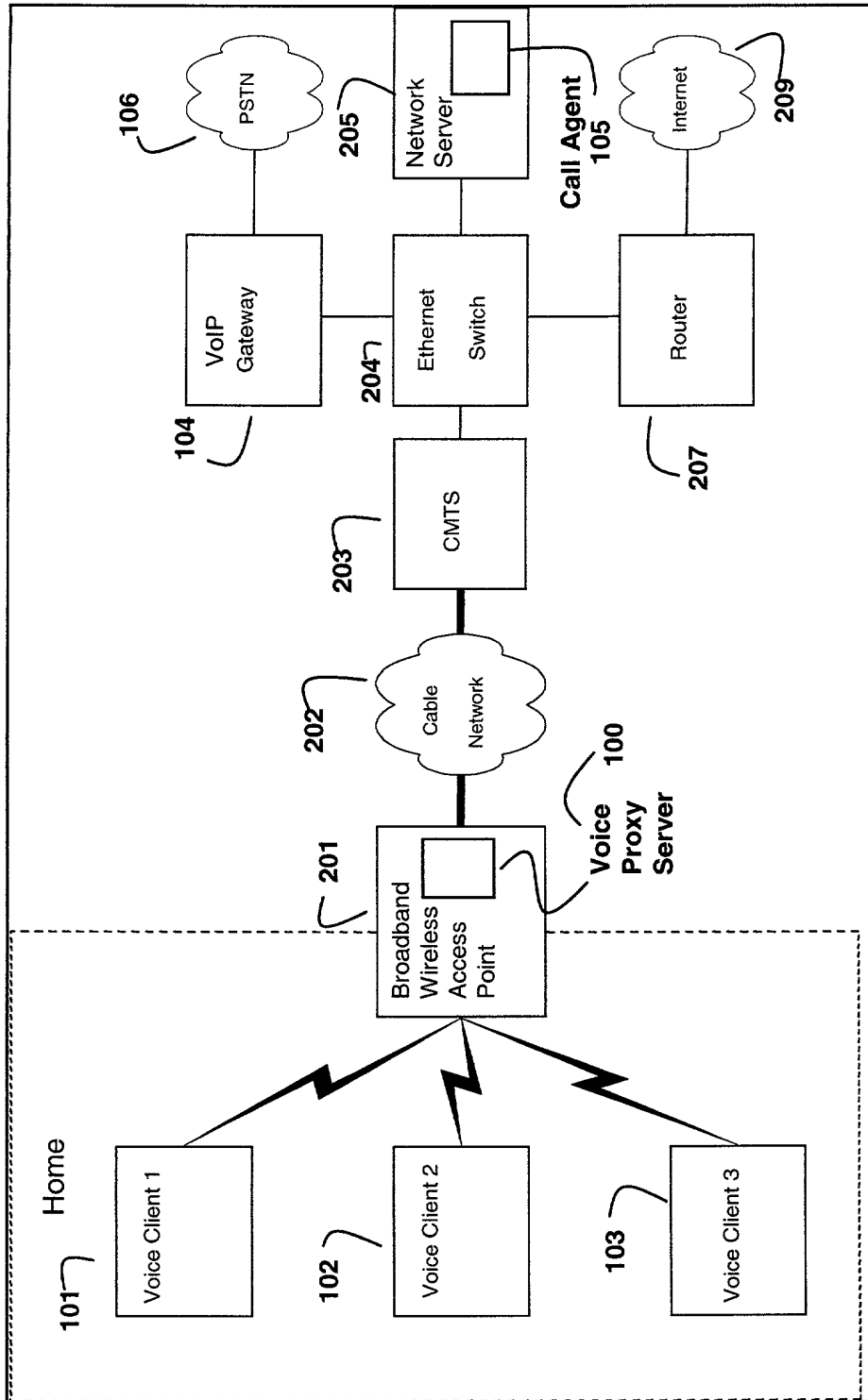


FIG. 2

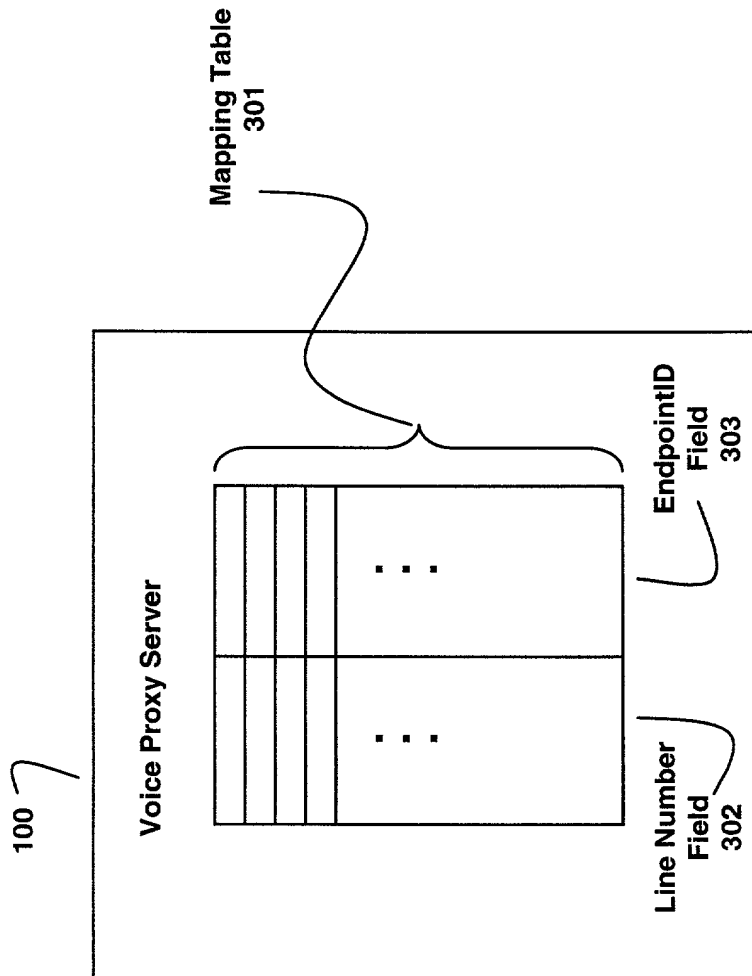


FIG. 3

Client Registration ("Restart In Progress" (RSIP))
RSIP(EndPointID, RestartMethod [, RestartDelay])

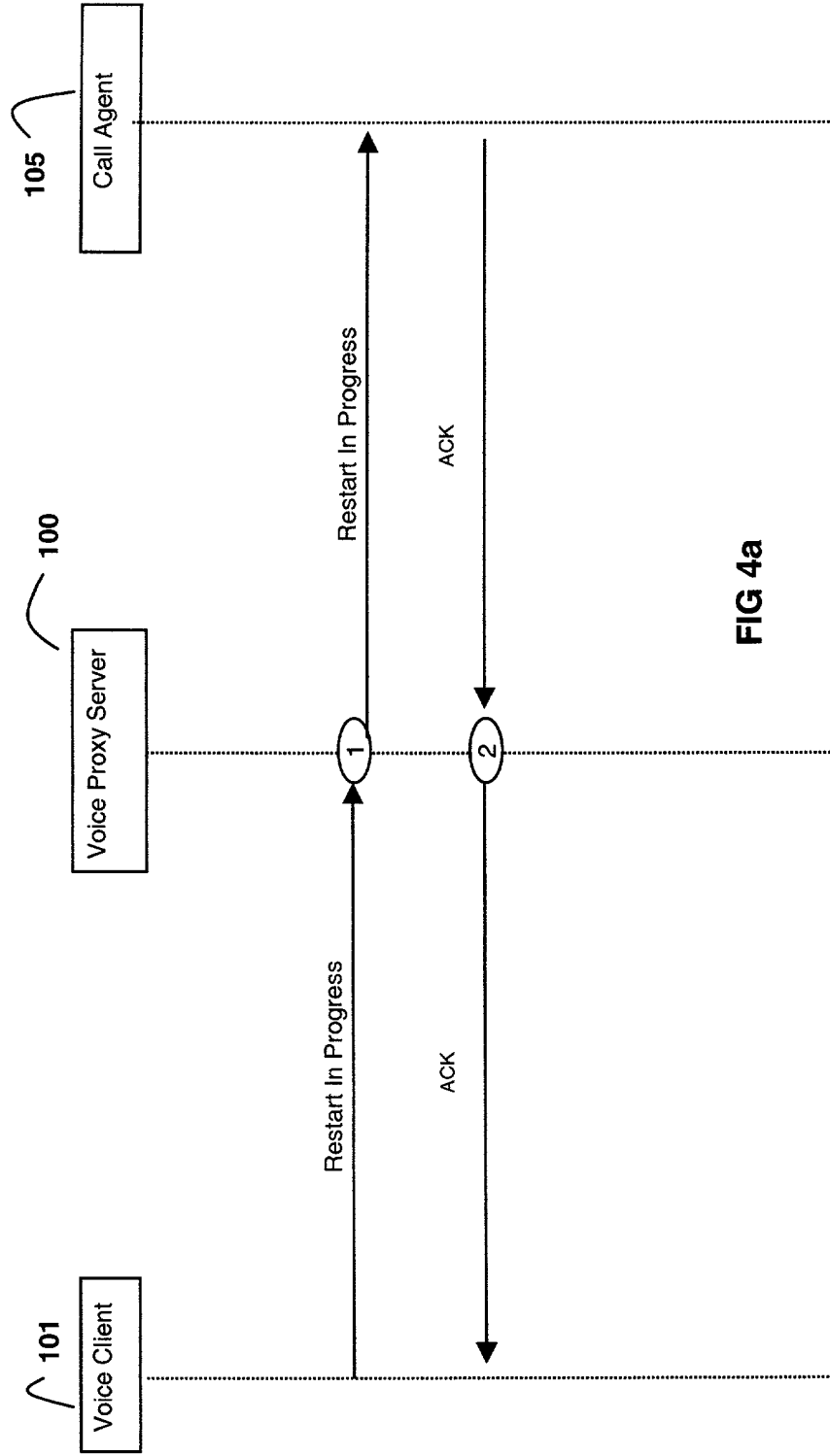
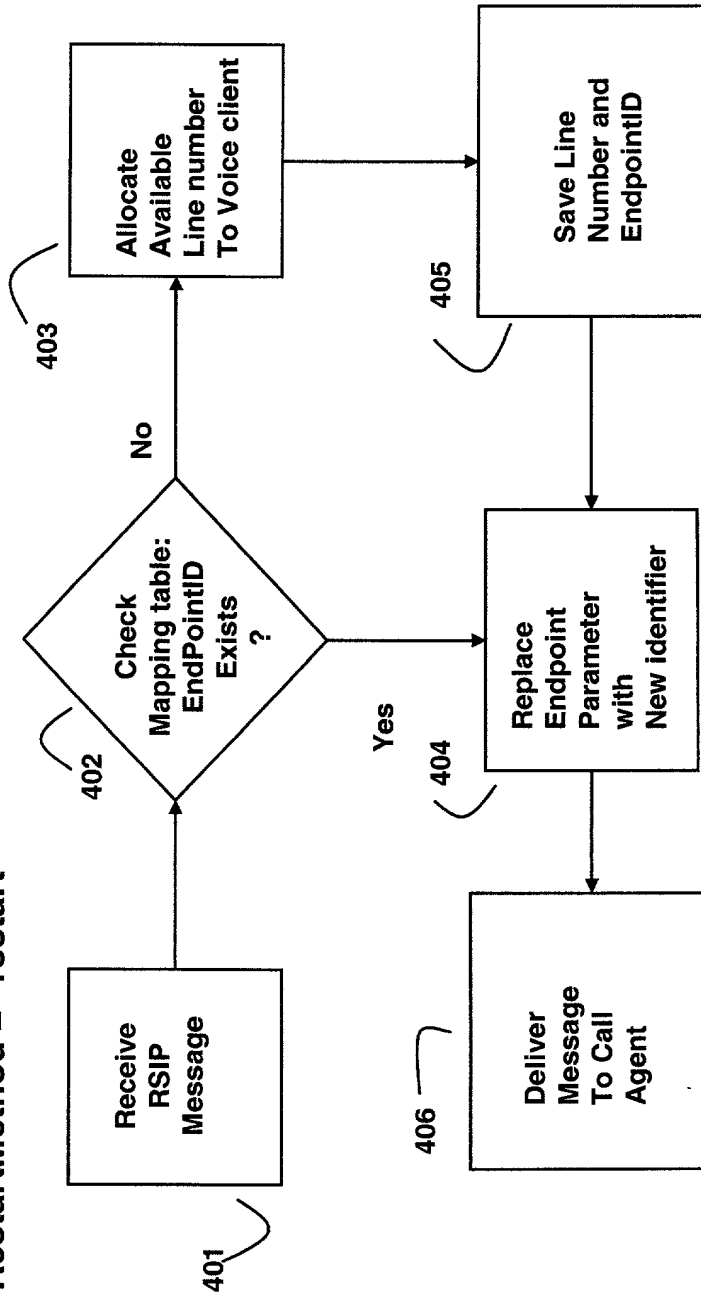


FIG 4a

Restart In Progress – RSIP(EndpointID, RestartMethod [, RestartDelay])
EndpointID = a single endpoint
RestartMethod = “restart”



RSIP(EndpointID, RestartMethod [, RestartDelay])
EndpointID = a single endpoint
RestartMethod = "graceful" or "forced" or "disconnected"

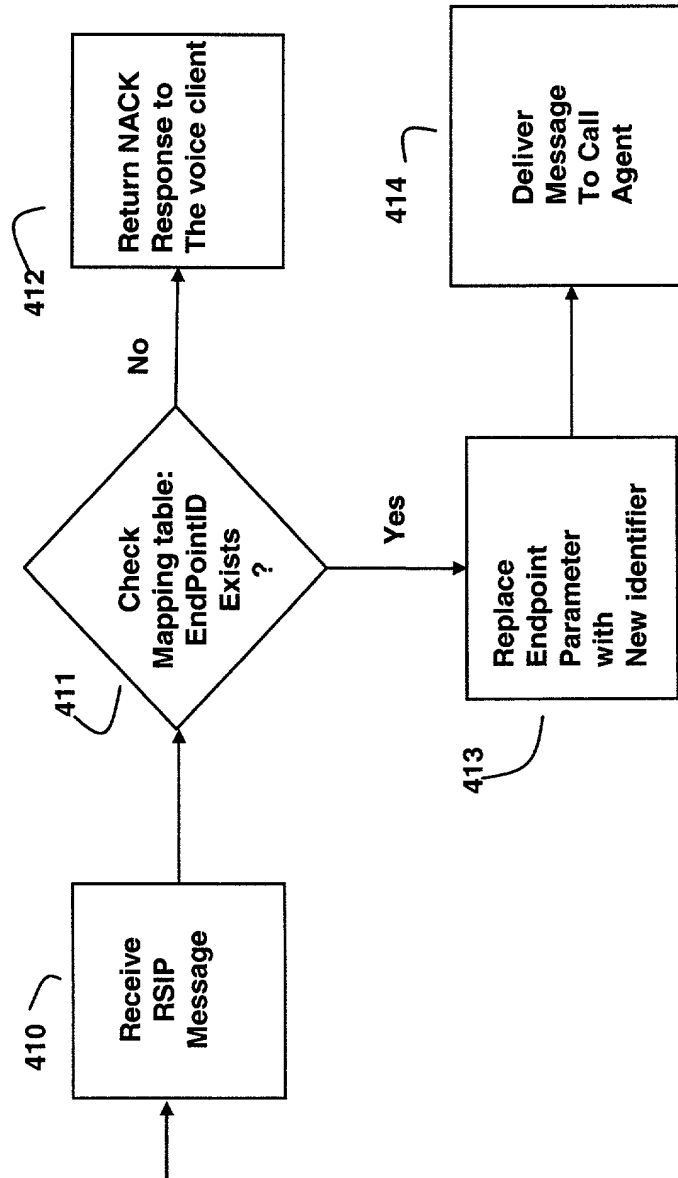


FIG. 4c

Client Registration ("Restart In Progress" with wild card)

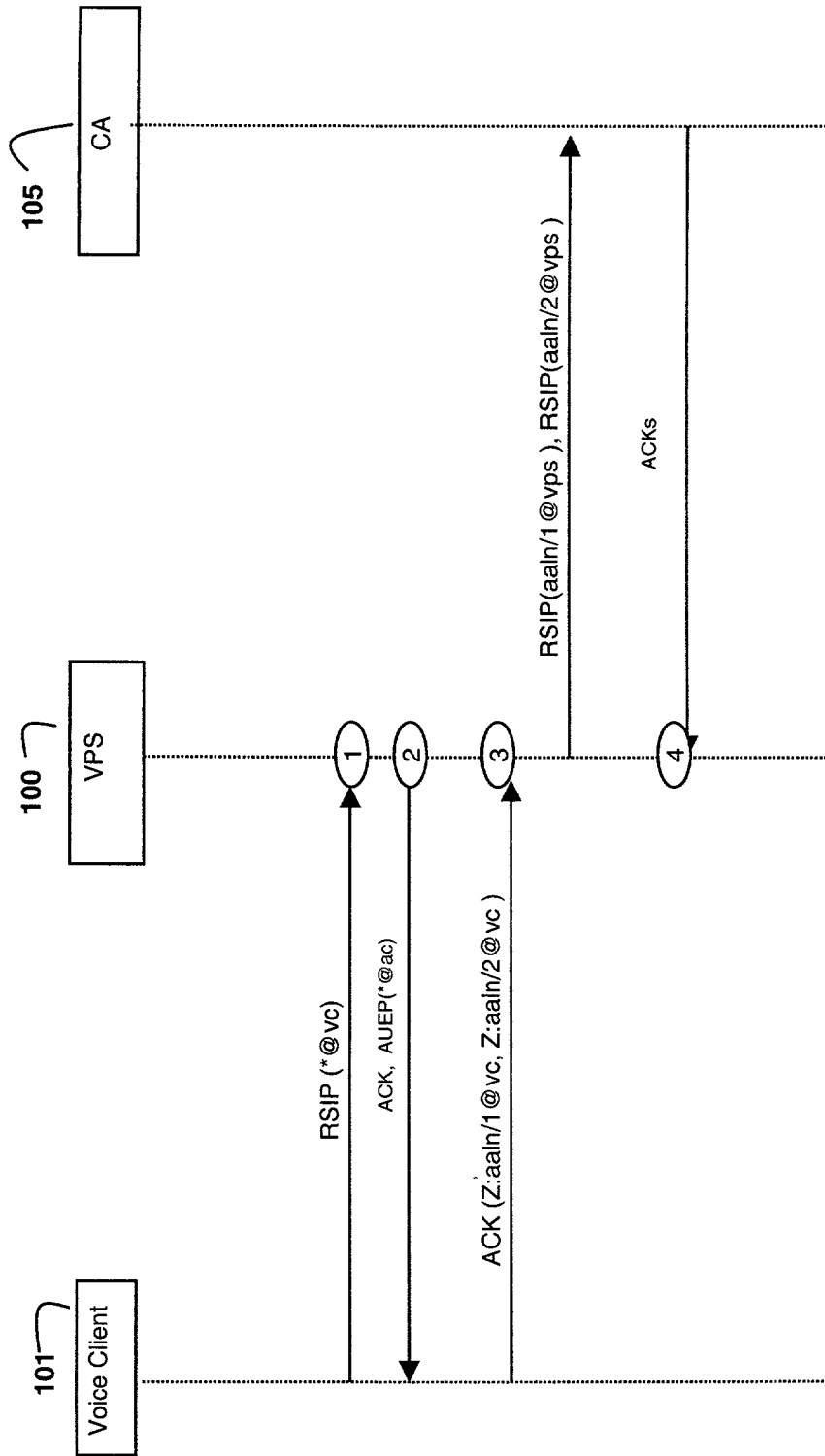


Fig. 5a

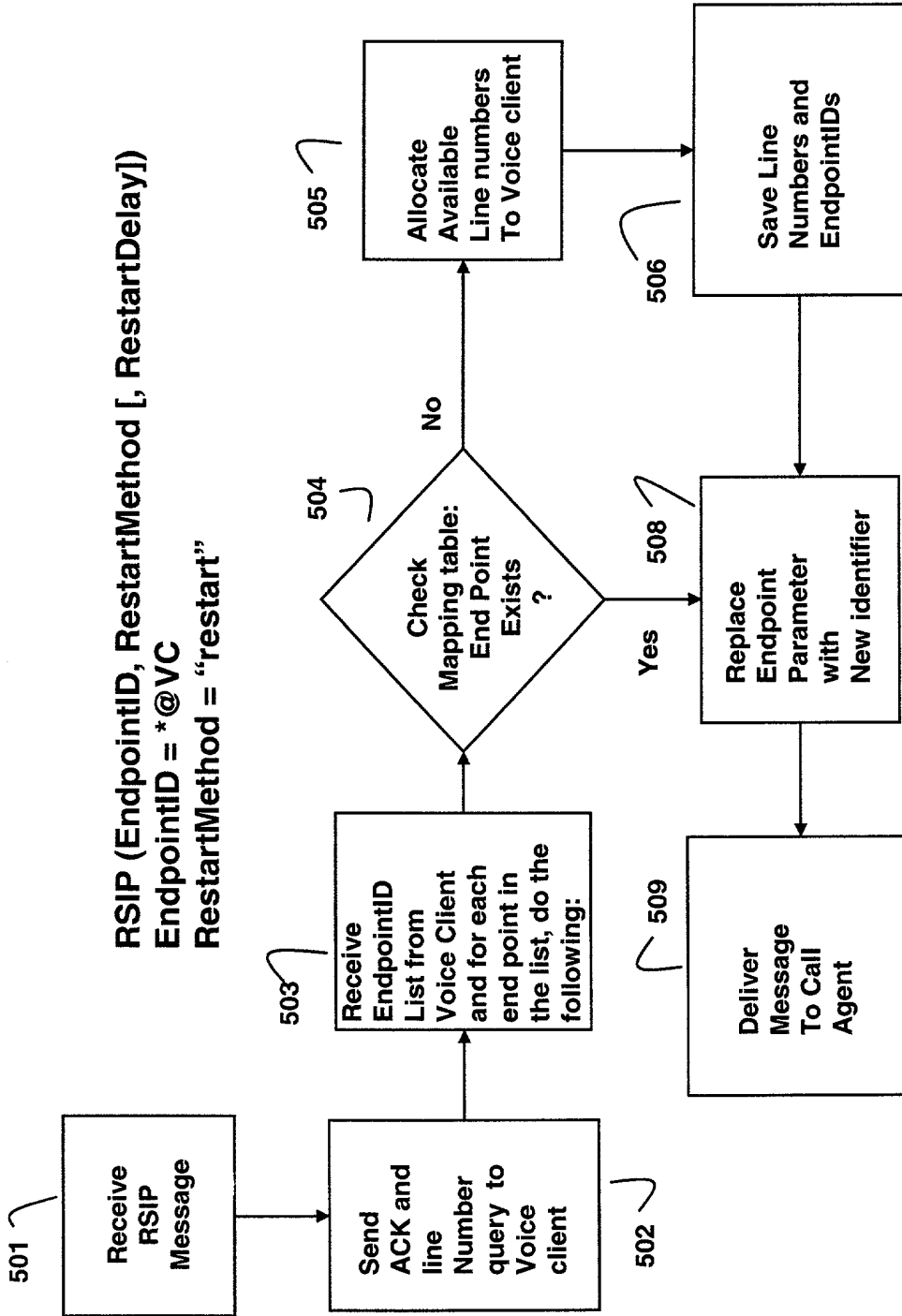


FIG. 5b

RSIP(EndpointID, RestartMethod [, RestartDelay])
EndpointID = *@VC
RestartMethod = "graceful", "forced", or "disconnected"

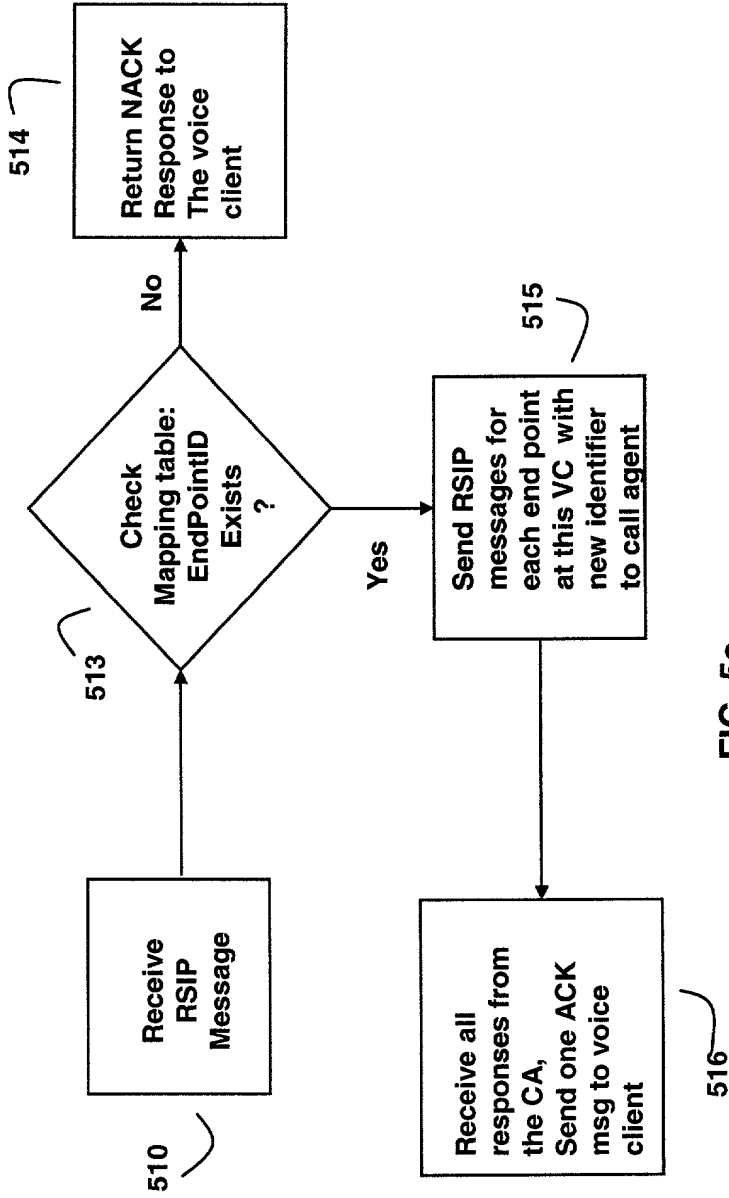
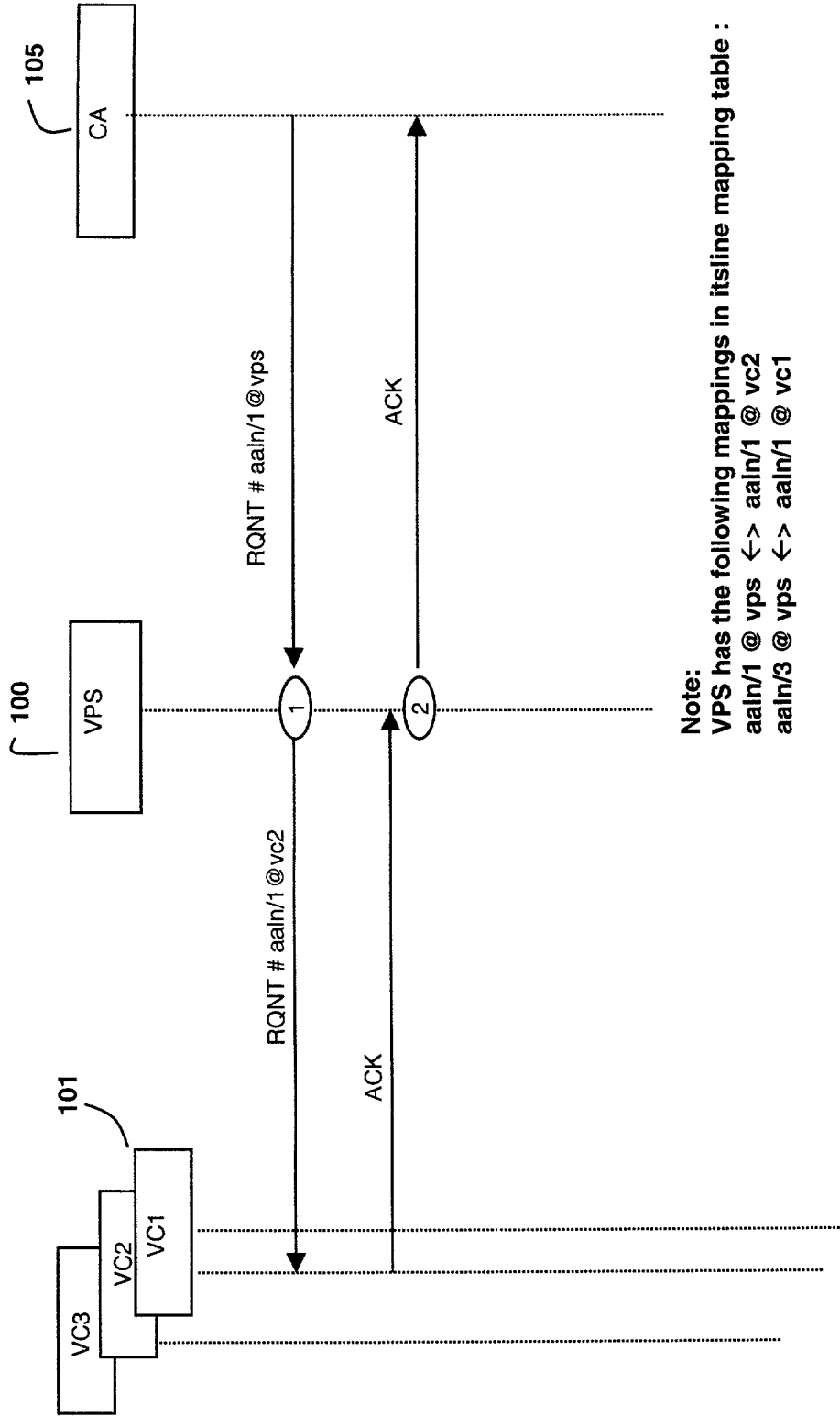


FIG. 5c

Notification Request **RQNT(EndpointID, [NotifiedEntity], ...)**



Note:
VPS has the following mappings in itsline mapping table :
aaln/1 @ vps ↔ aaln/1 @ vc2
aaln/3 @ vps ↔ aaln/1 @ vc1

FIG 6a

Notification Request (EndpointID with wild card "")**

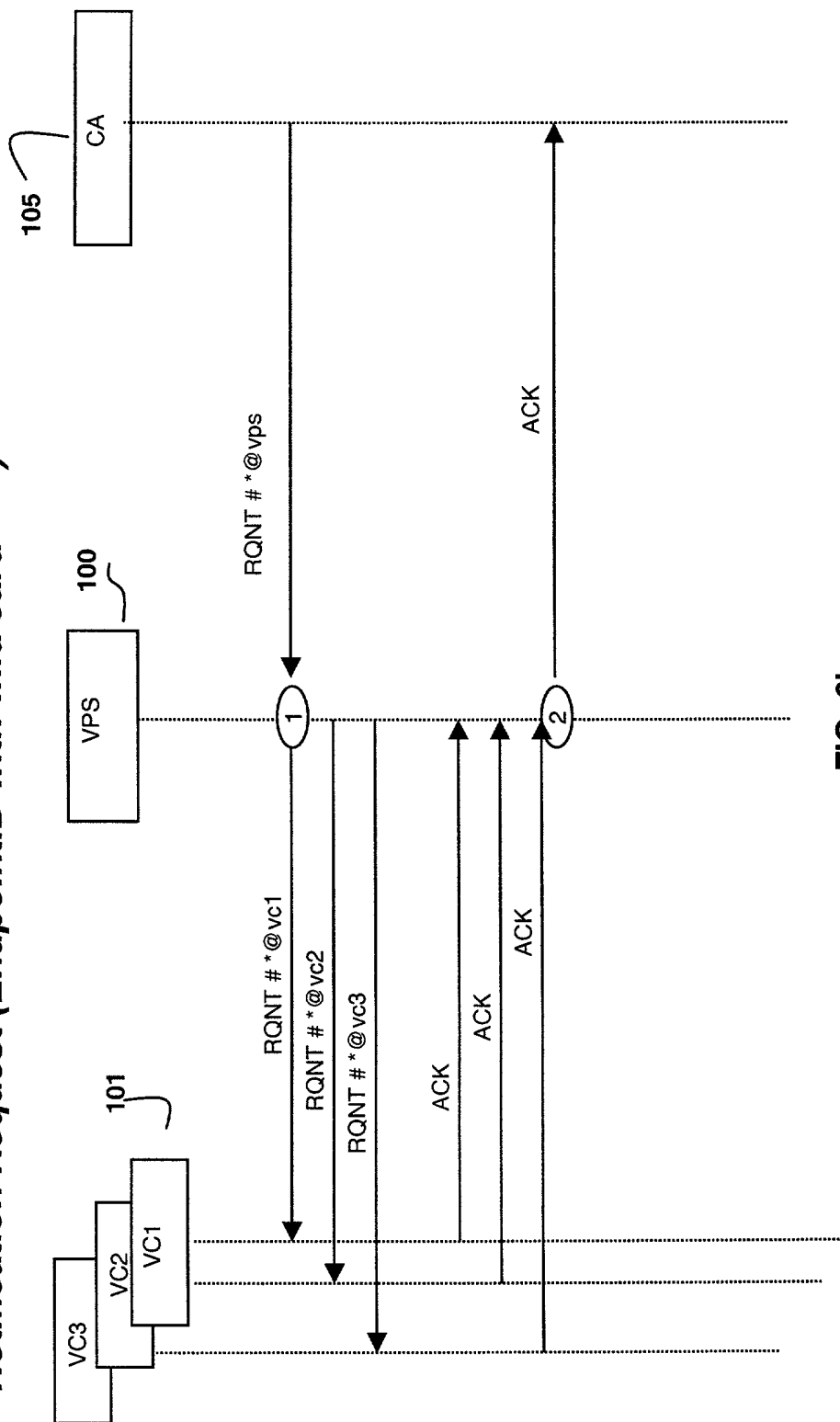


FIG. 6b

**Notification Request
RQNT(EndpointID, [NotifiedEntity], ...)**

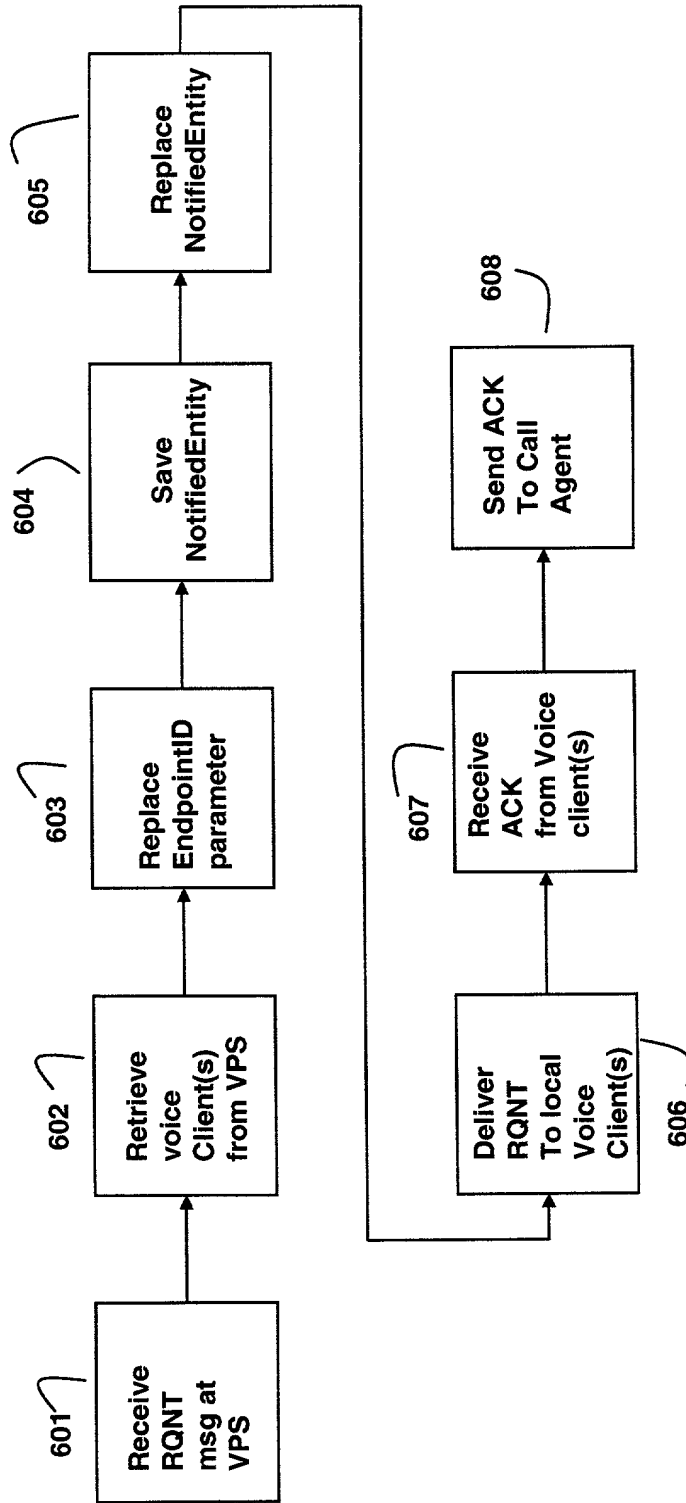


FIG. 6c

Notifications
NTFY(EndpointID, [NotifiedEntity], ...)

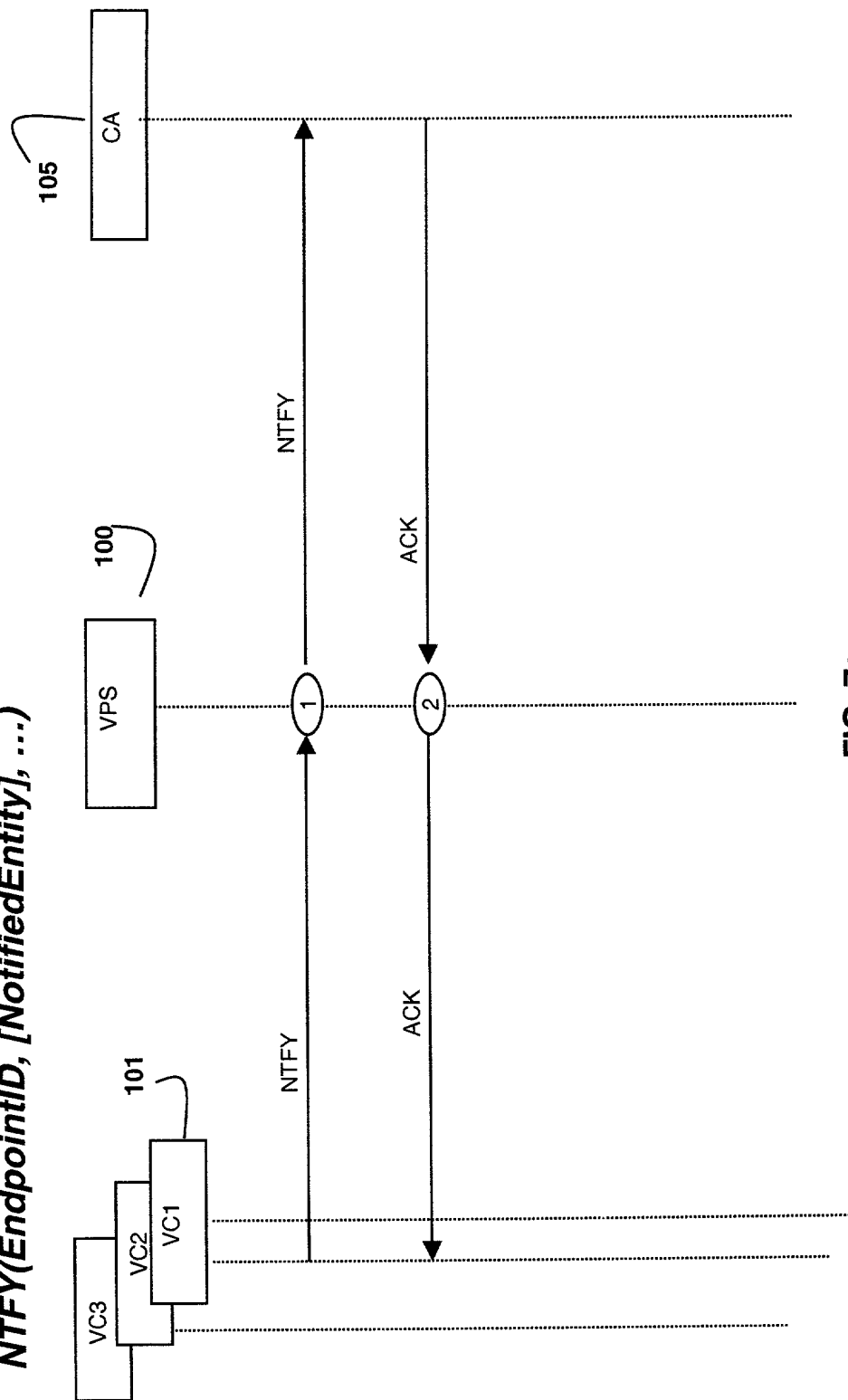


FIG. 7a

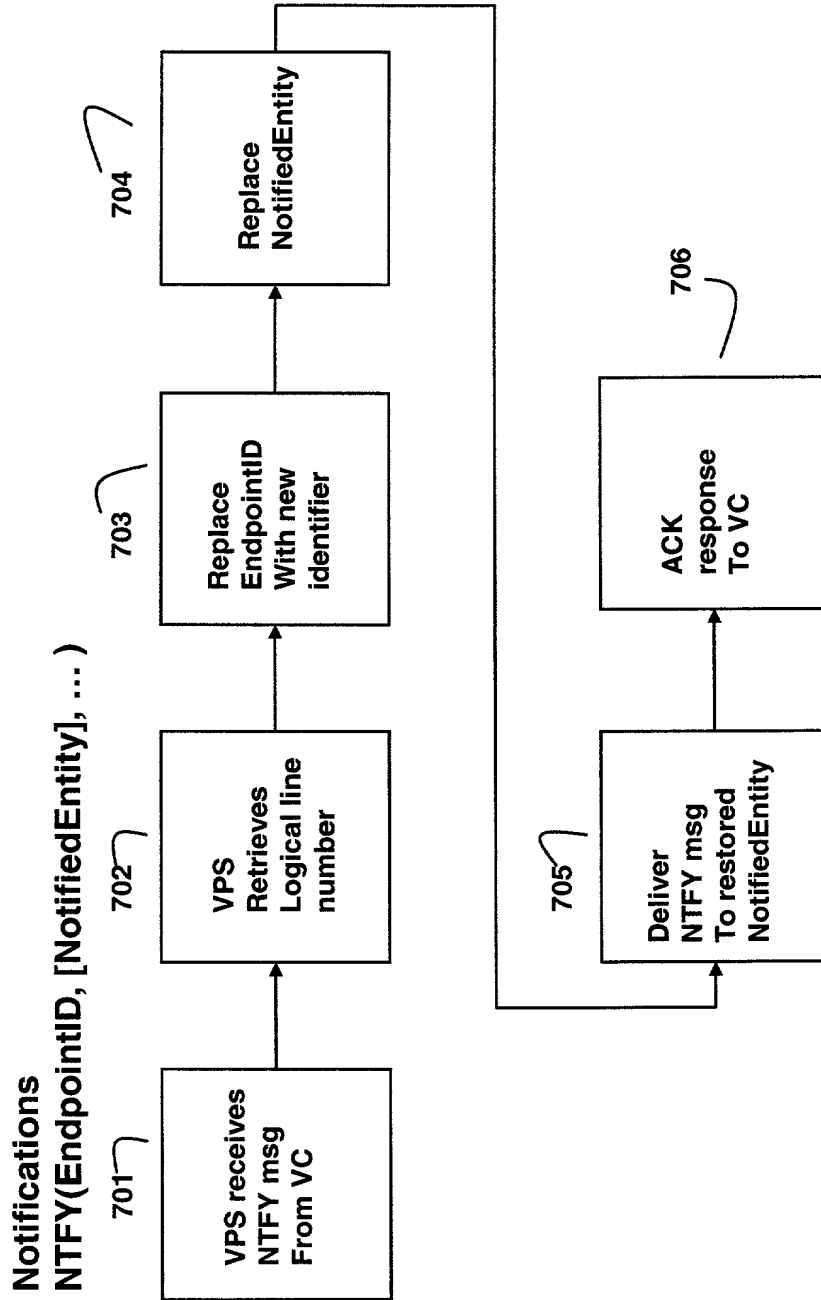


FIG. 7b

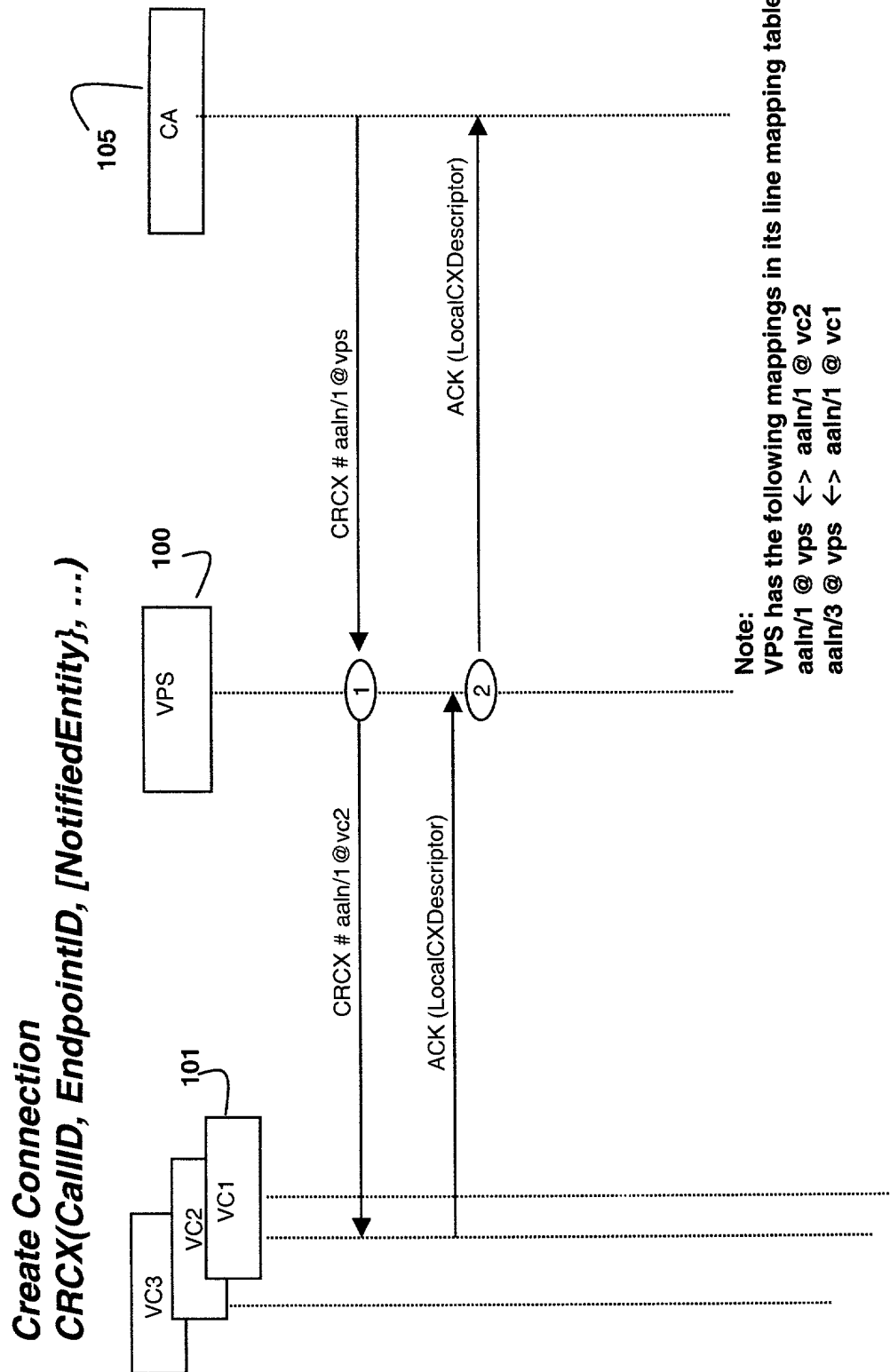


FIG. 8a

Create Connection CRCX(CallID, EndpointID, [NotifiedEntity], ...) EndpointID = single endpoint

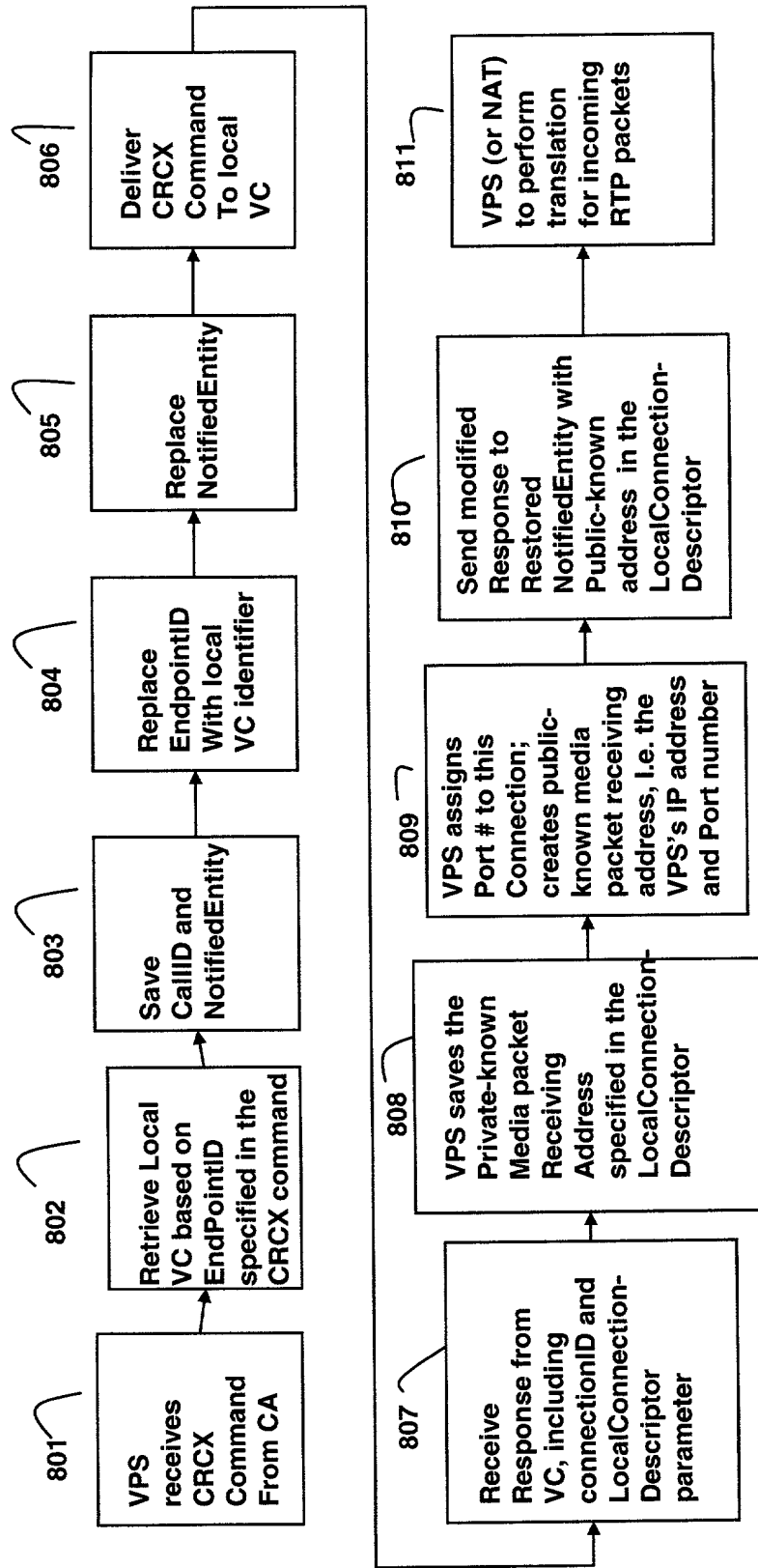
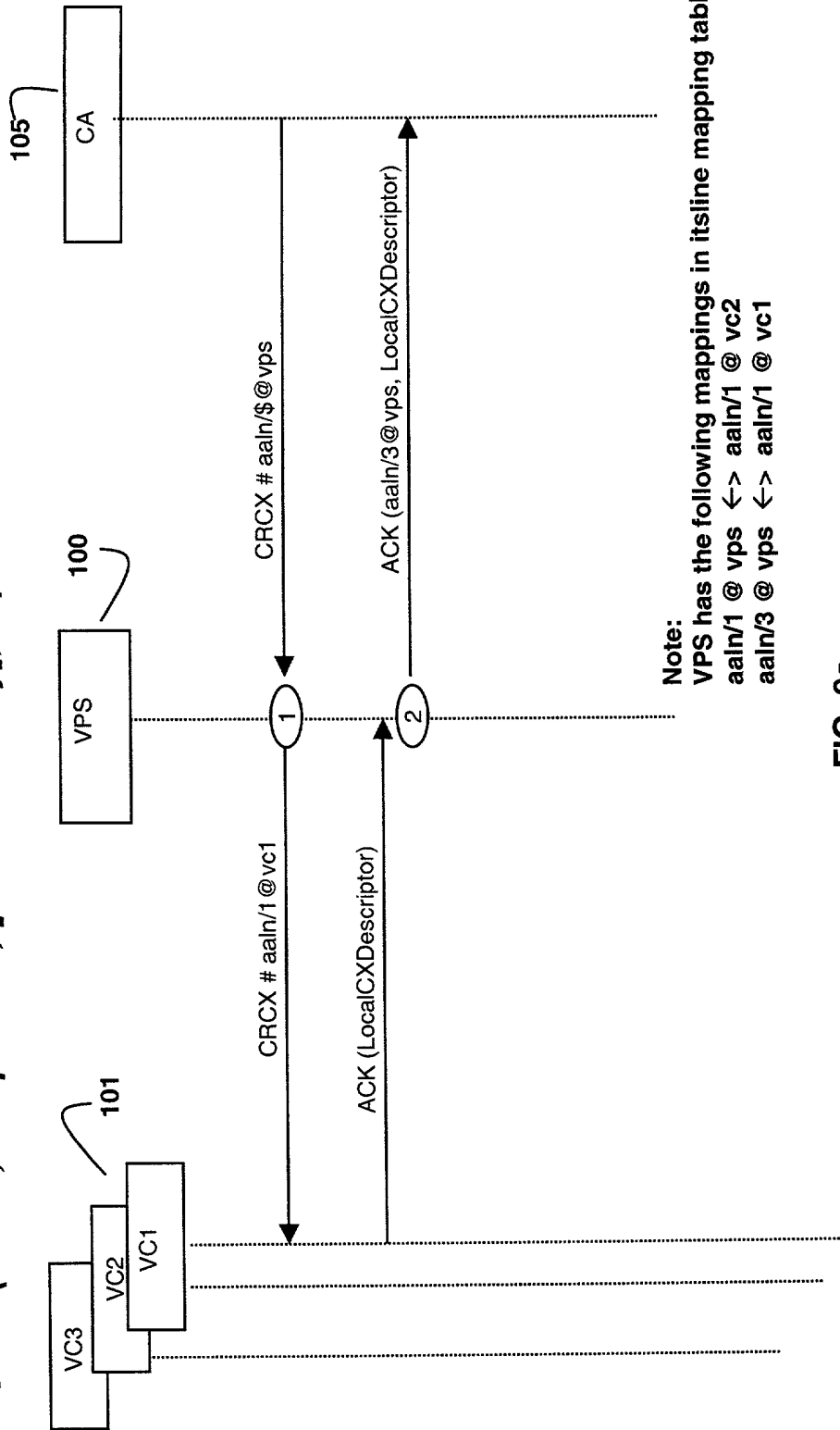


FIG. 8b

Create Connection (EndpointId with wild card "\$") CRCX(CallID, EndpointID, [NotifiedEntity], ...)



Note:
 VPS has the following mappings in itsline mapping table :
 aaln/1 @ vps ↔ aaln/1 @ vc2
 aaln/3 @ vps ↔ aaln/1 @ vc1

FIG. 9a

EndpointID with wild card (\$) ; CRCX(CallID, EndpointID, [NotifiedEntity], ...)

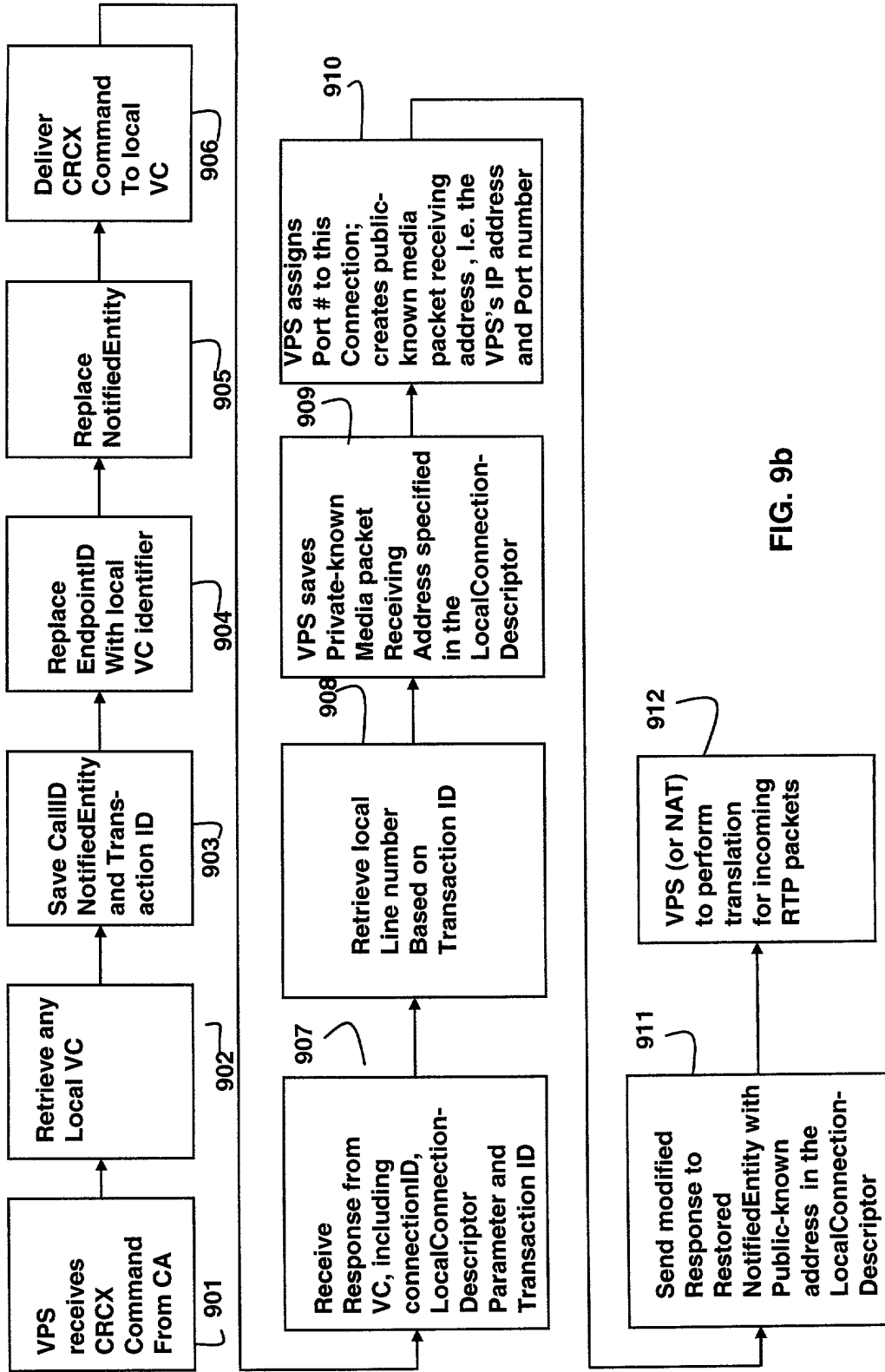
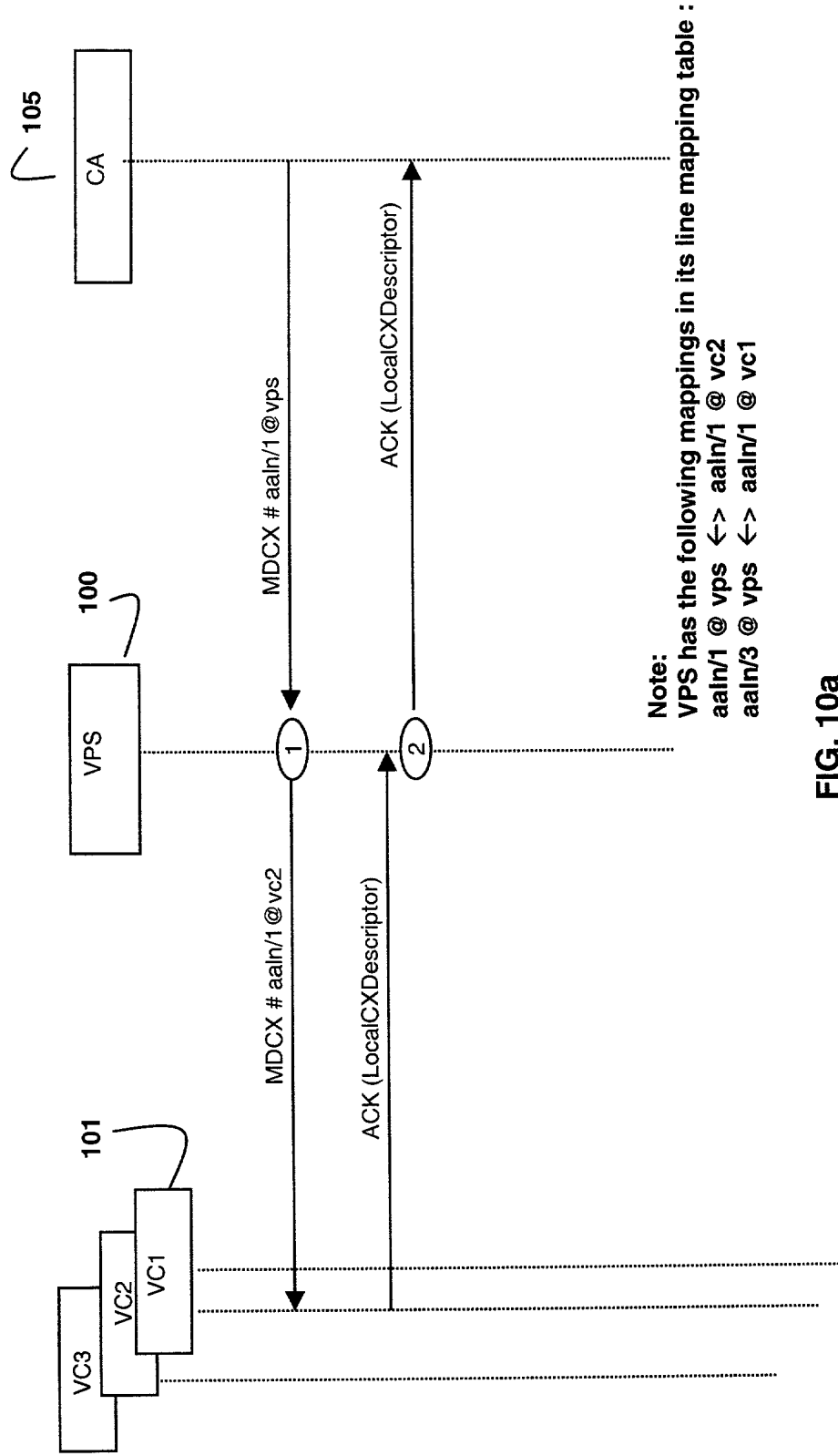


FIG. 9b

Modify Connection

MDCX(CallID, EndpointID, ConnectionID, [NotifiedEntity], ...)



Note:
VPS has the following mappings in its line mapping table :
aaln/1 @ vps ↔ aaln/1 @ vc2
aaln/3 @ vps ↔ aaln/1 @ vc1

FIG. 10a

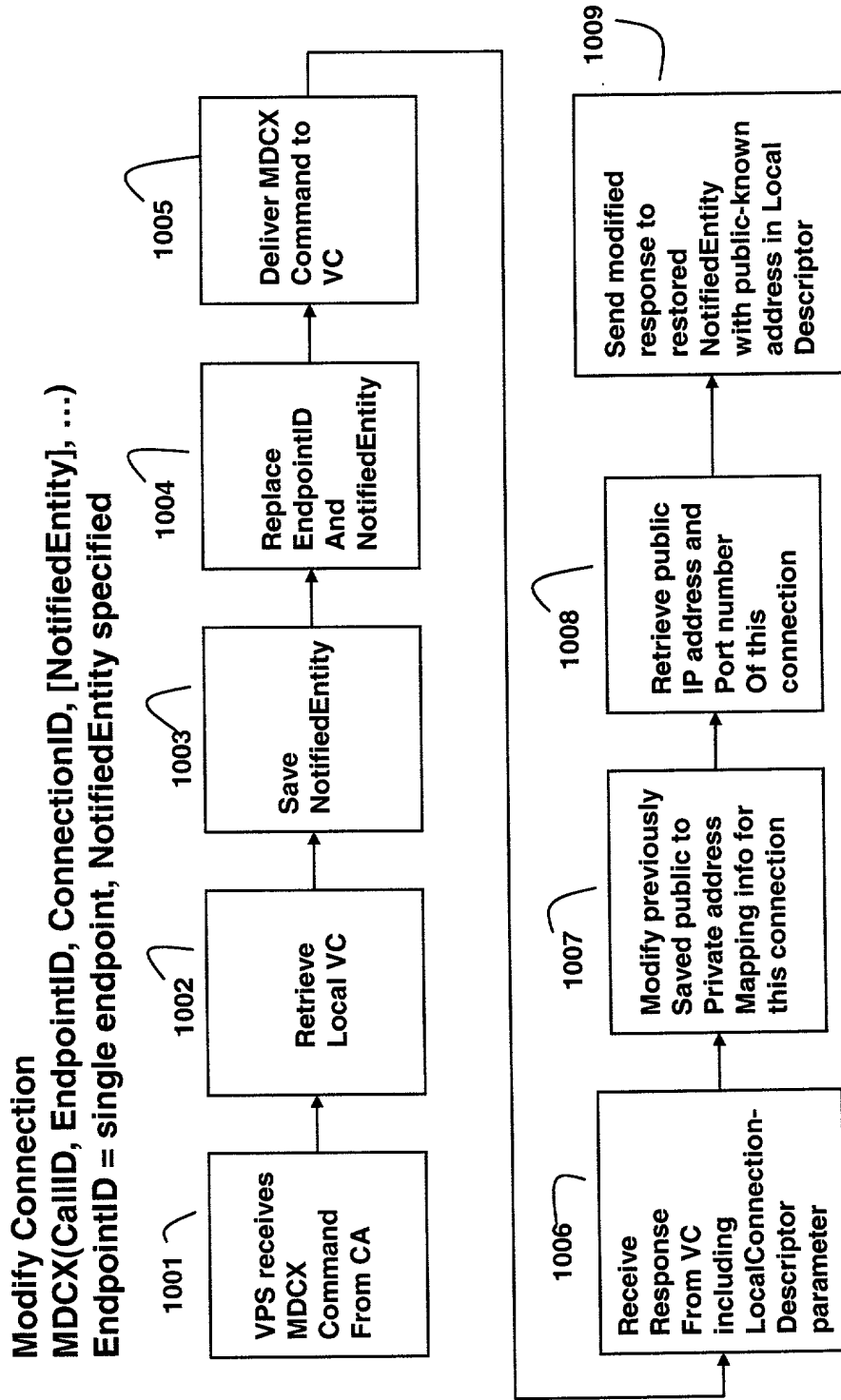
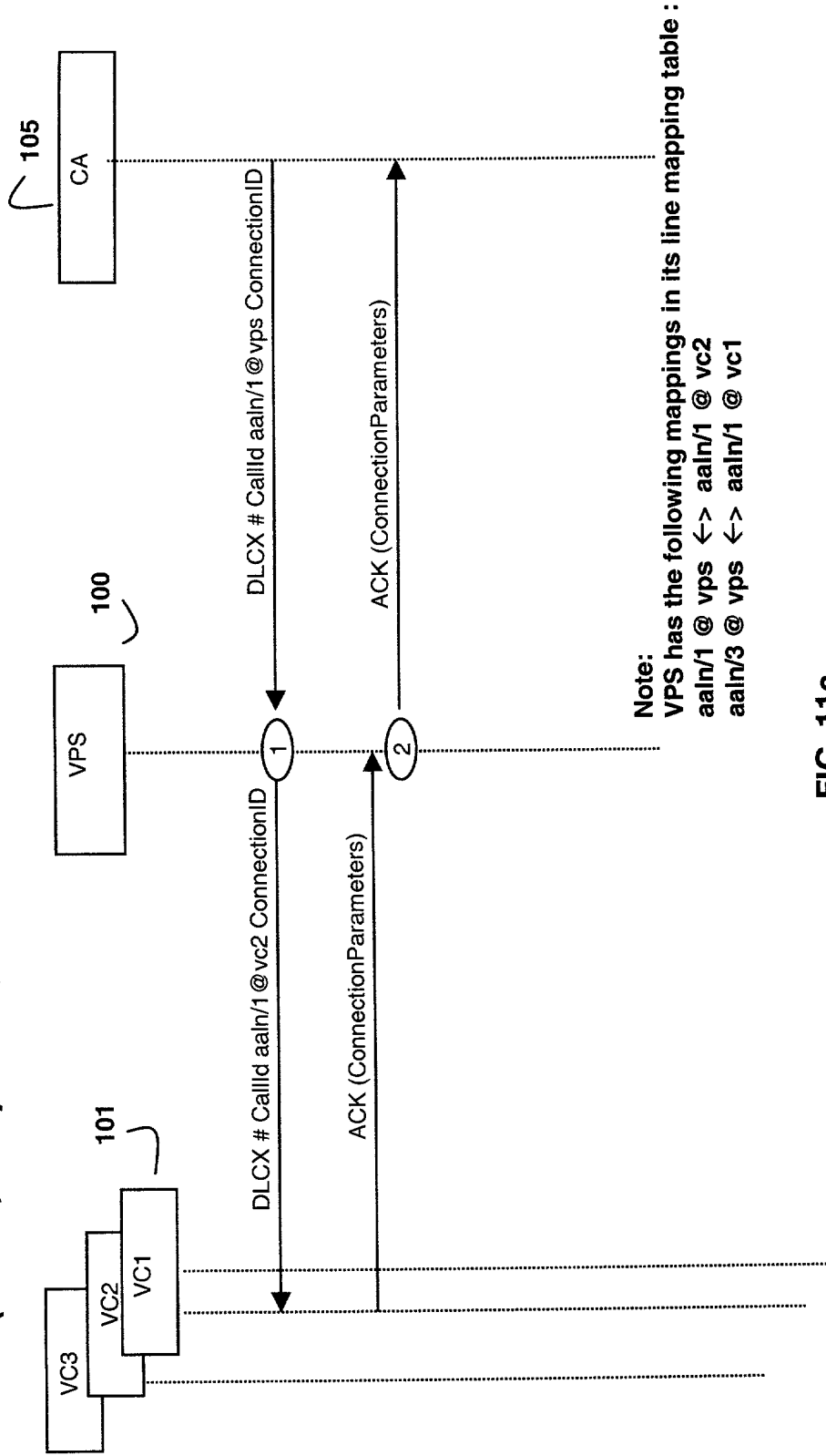


FIG. 10b

Delete Connection (from CA) **DLCX(CallID, EndpointID, ConnectionID, [NotifiedEntity], ...)**



Note:
VPS has the following mappings in its line mapping table :
aaln/1 @ vps ↔ aaln/1 @ vc2
aaln/3 @ vps ↔ aaln/1 @ vc1

FIG. 11a

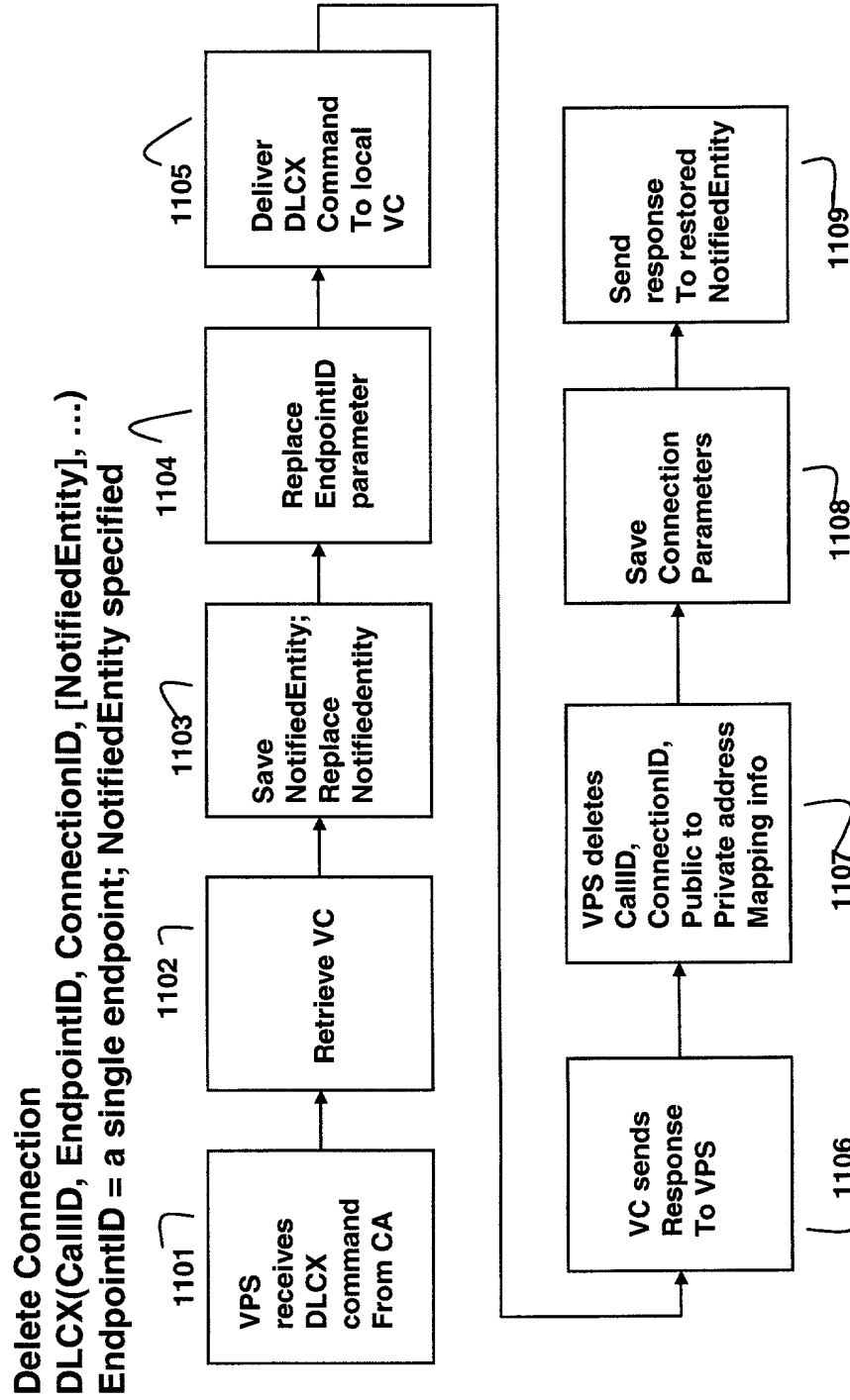


FIG. 11b

Delete Multiple Connections (from CA: ConnectionId not Specified)

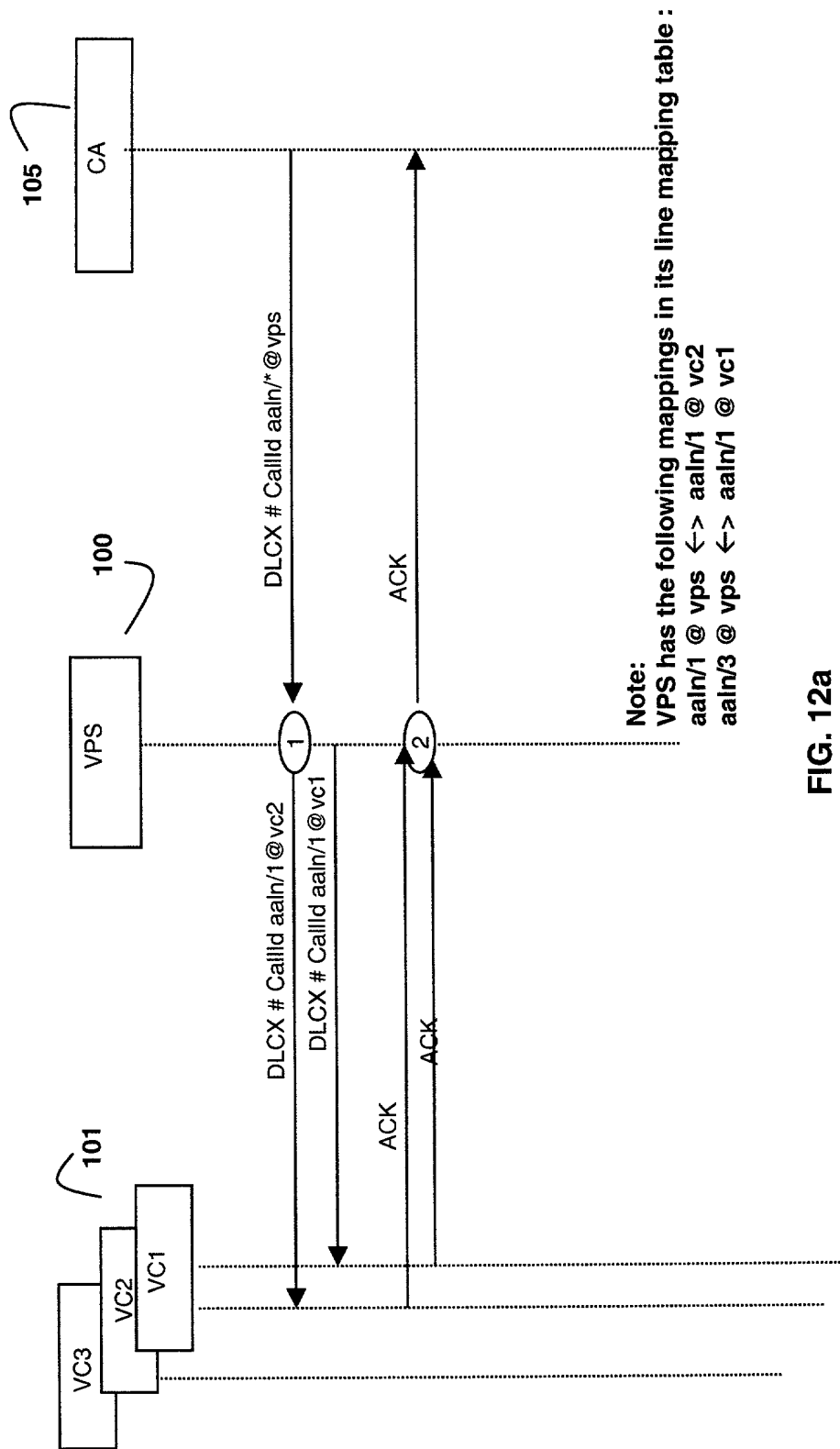


FIG. 12a

Delete Multiple Connections DLCX(CallID, EndpointID)

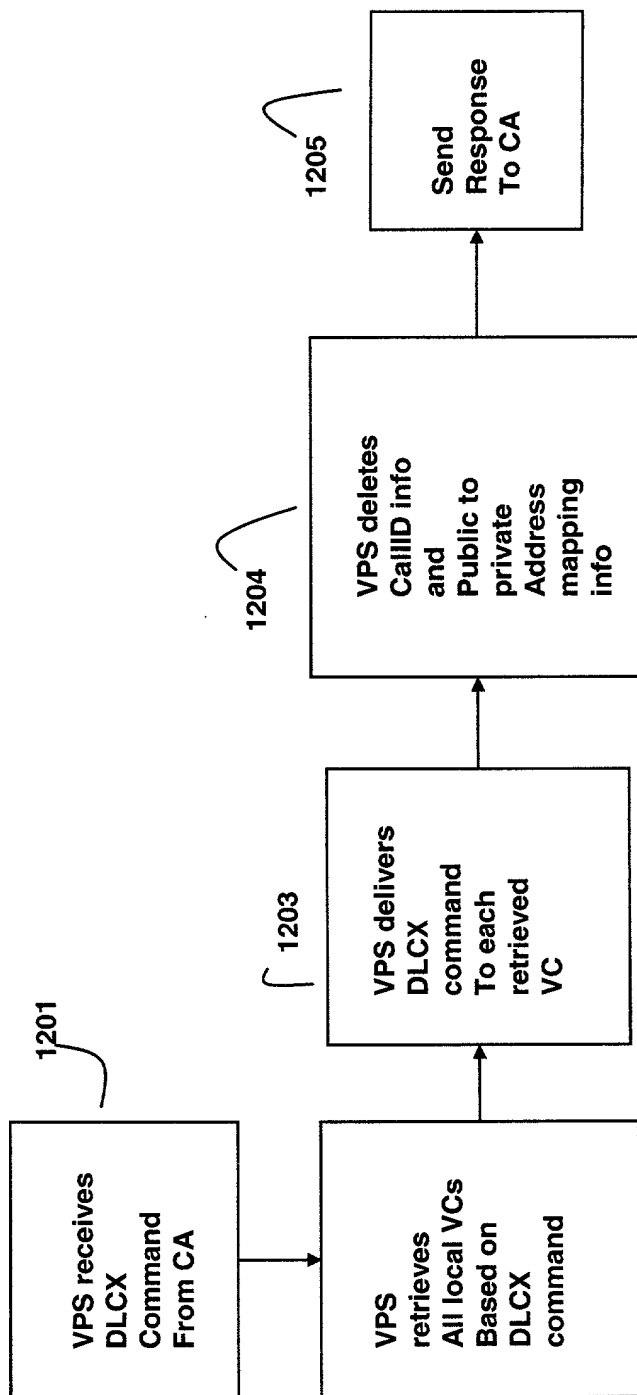


FIG. 12b

Delete Multiple Connections (from CA: CallID & ConnectionId not Specified)

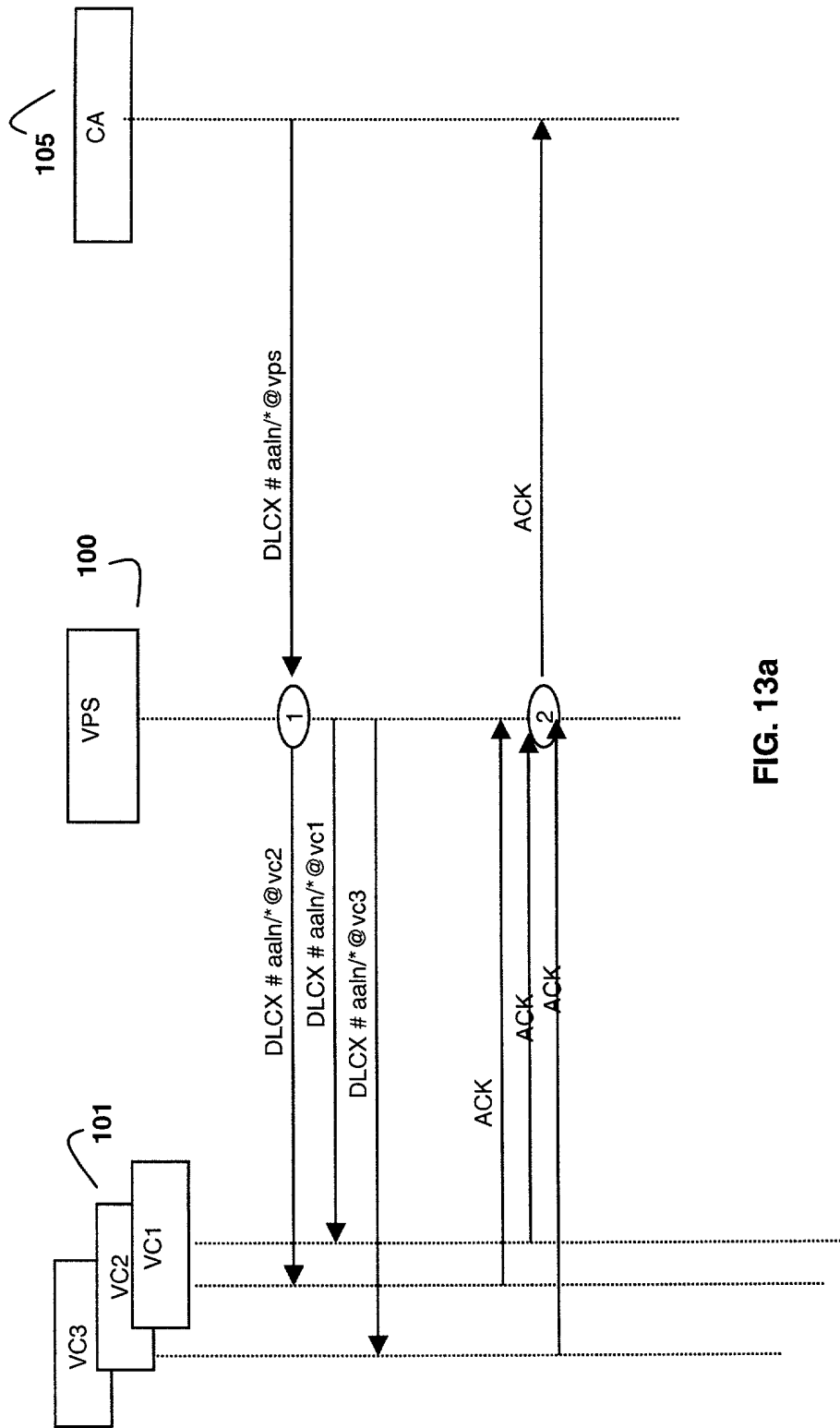


FIG. 13a

**Delete Multiple Connections
DLCX(EndpointID)**

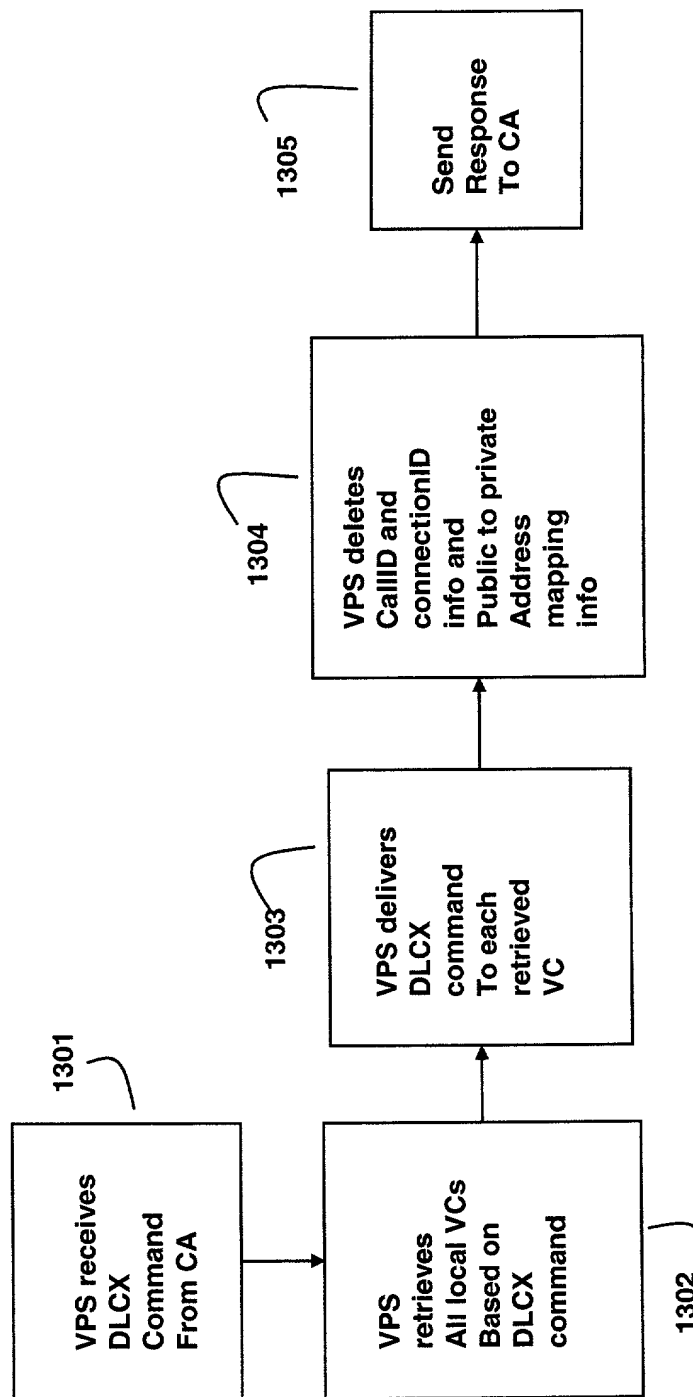


FIG. 13b

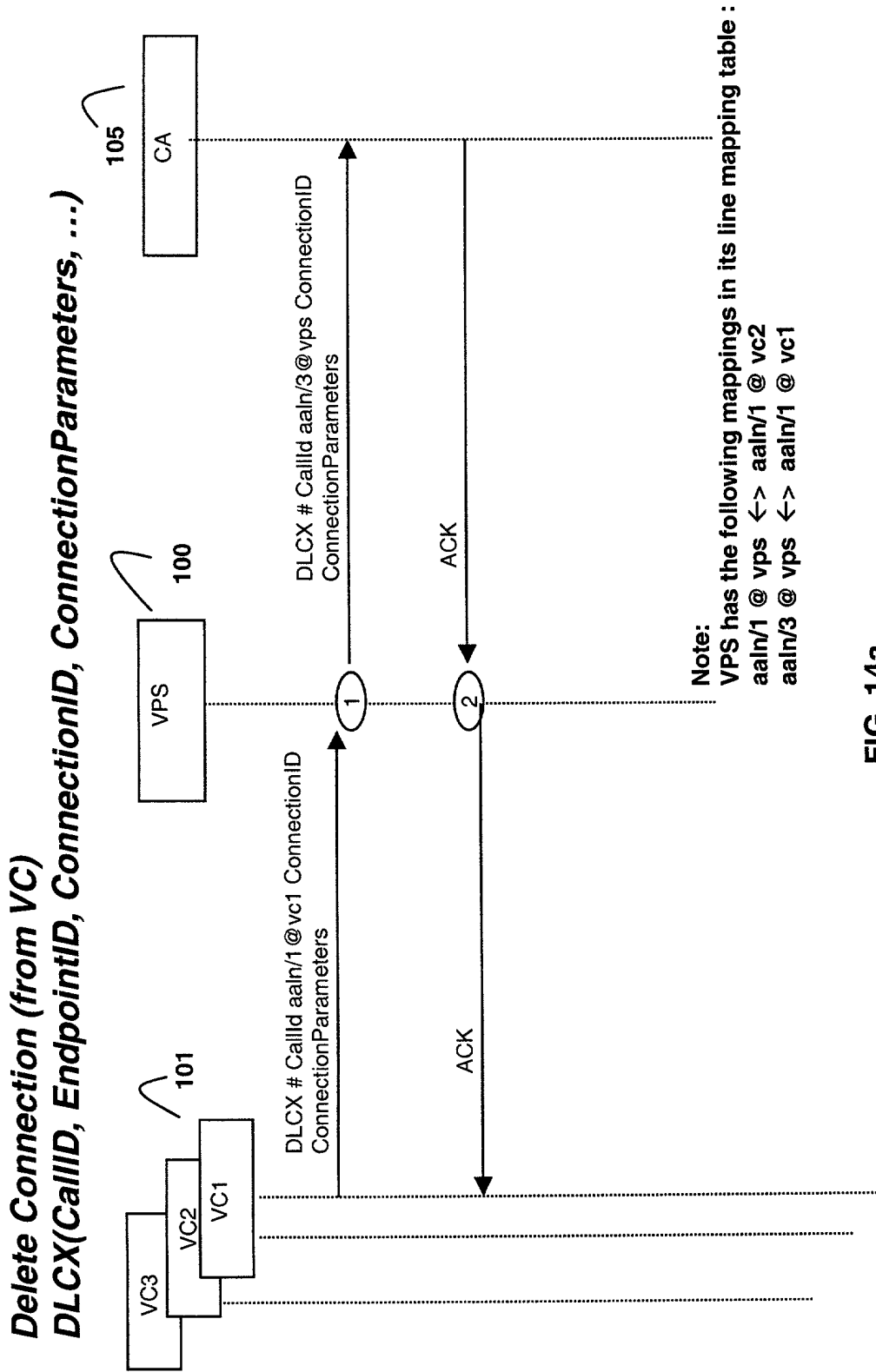


FIG. 14a

Delete Connection DLCX(CallID, EndpointID, ConnectionID, ConnectionParameters, ...)

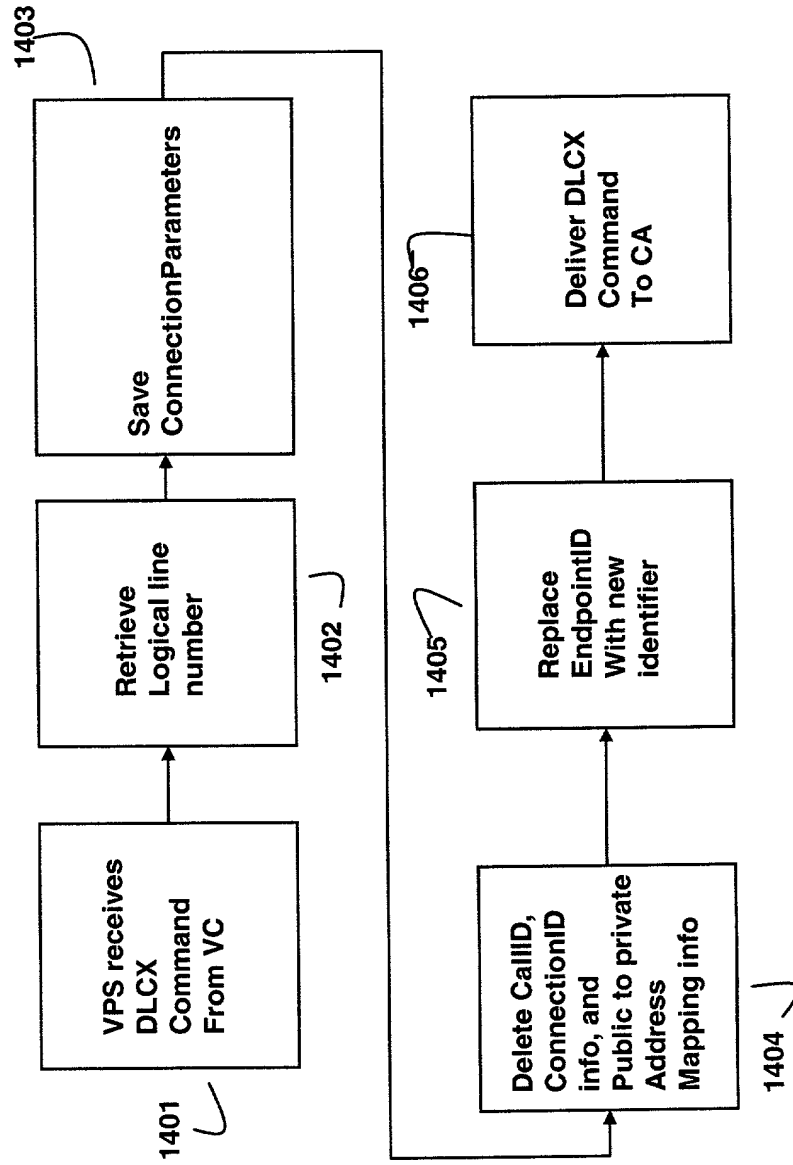


FIG. 14b

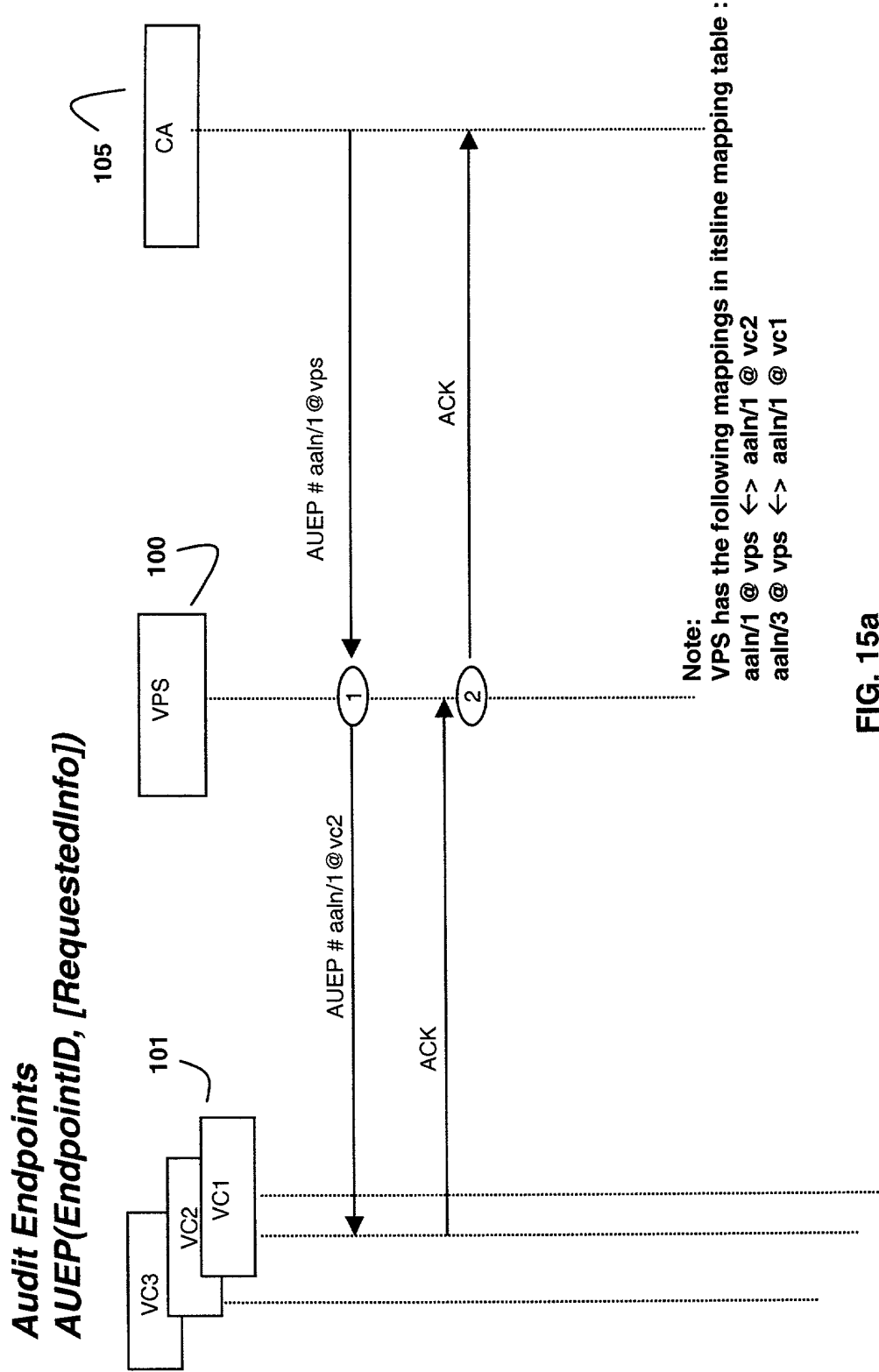


FIG. 15a

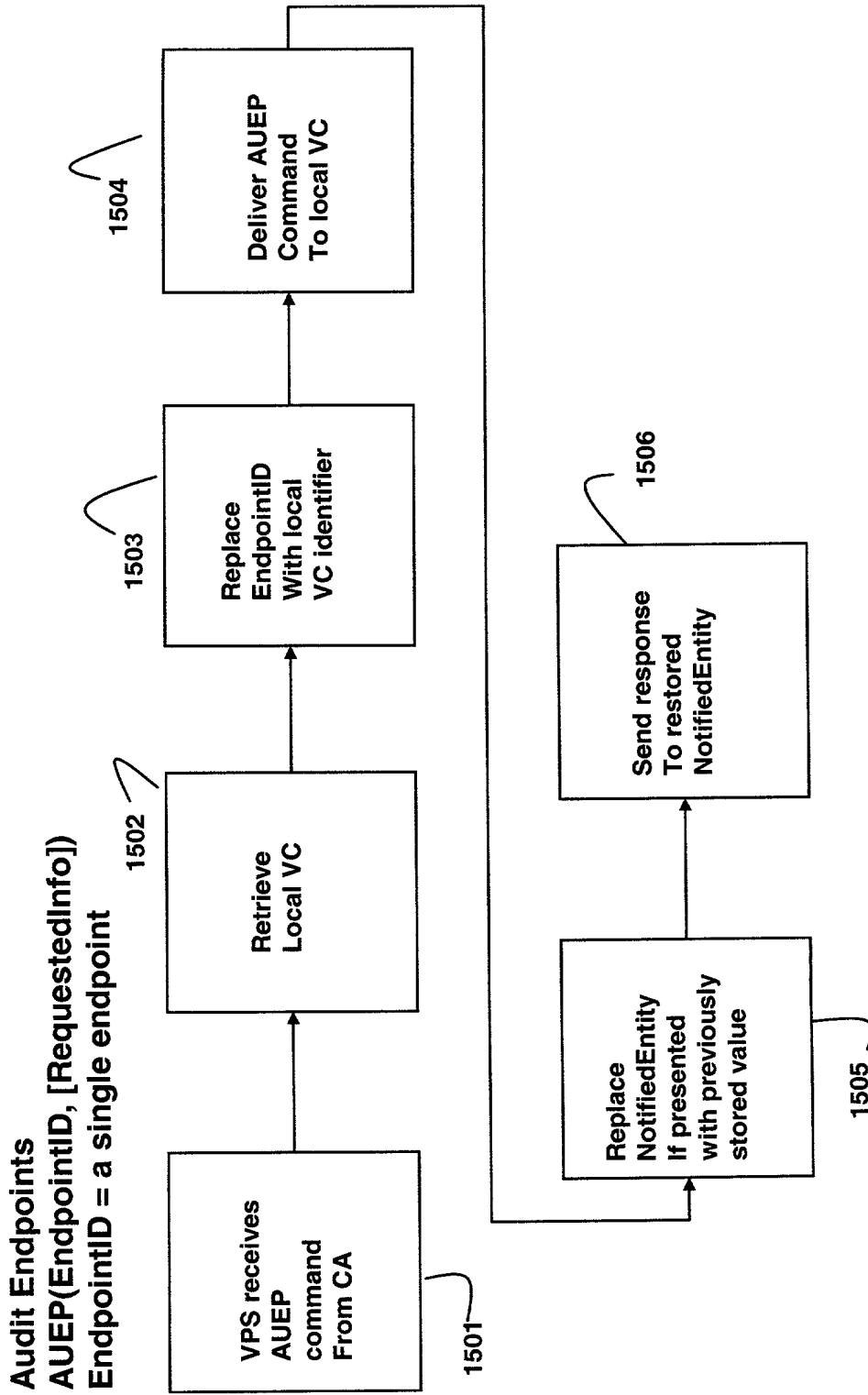


FIG. 15b

Audit Multiple Endpoints (EndpointId with wild card “*”)

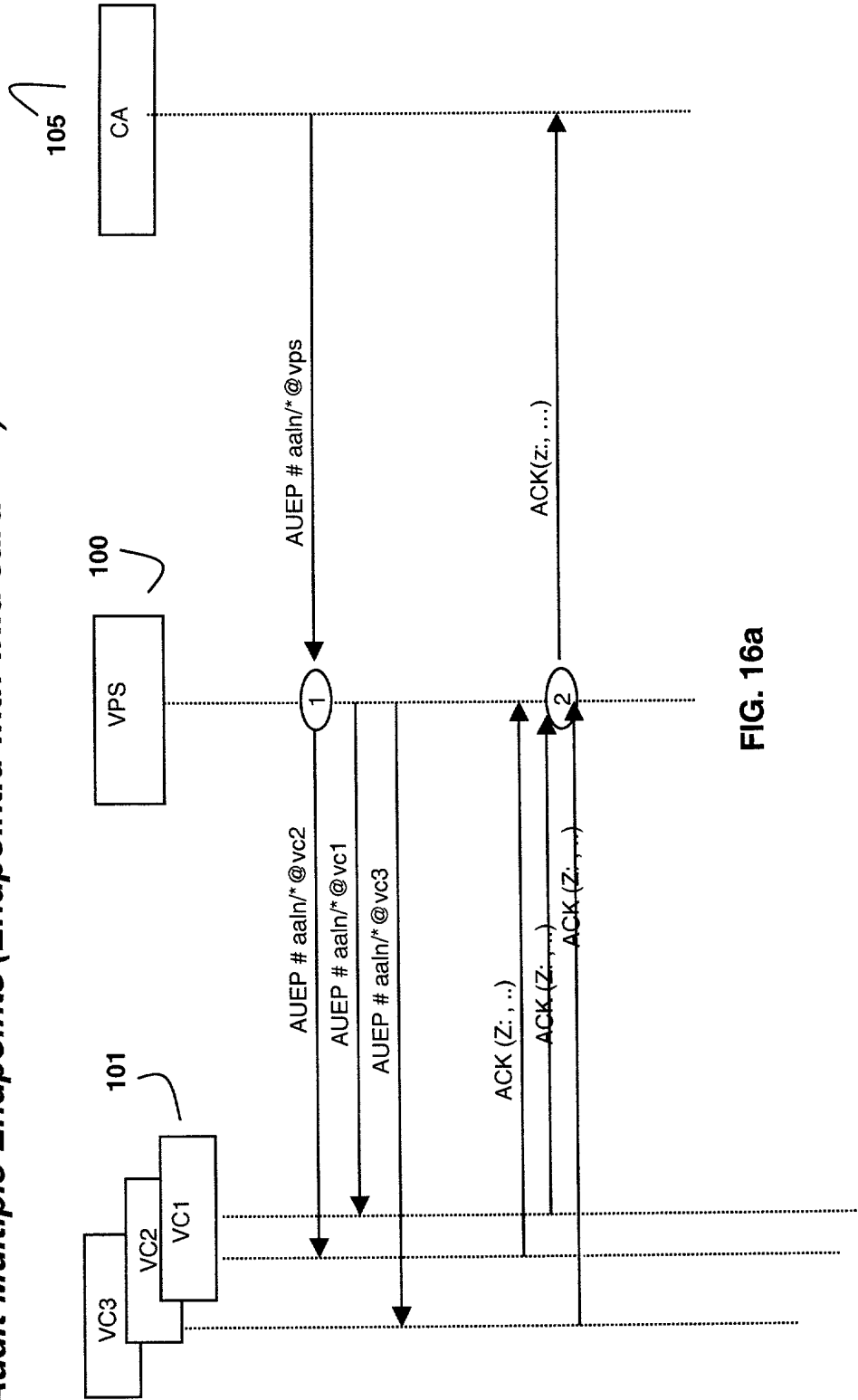


FIG. 16a

**Audit Multiple Endpoints; EndpointID with wild card
AUEP(EndpointID); EndpointID = *@VPS**

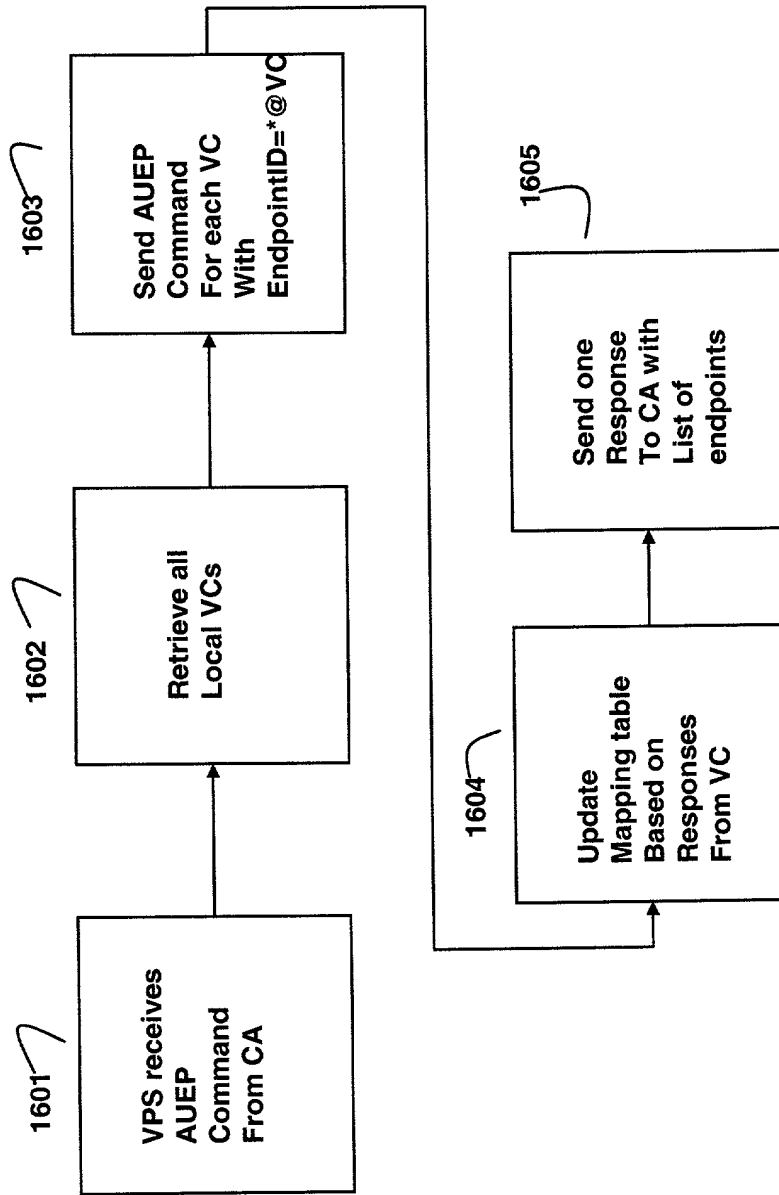


FIG. 16b

**Audit Multiple Endpoints
AUEP(EndpointID, MaxEndpointIDs); EndpointID = *@VPS**

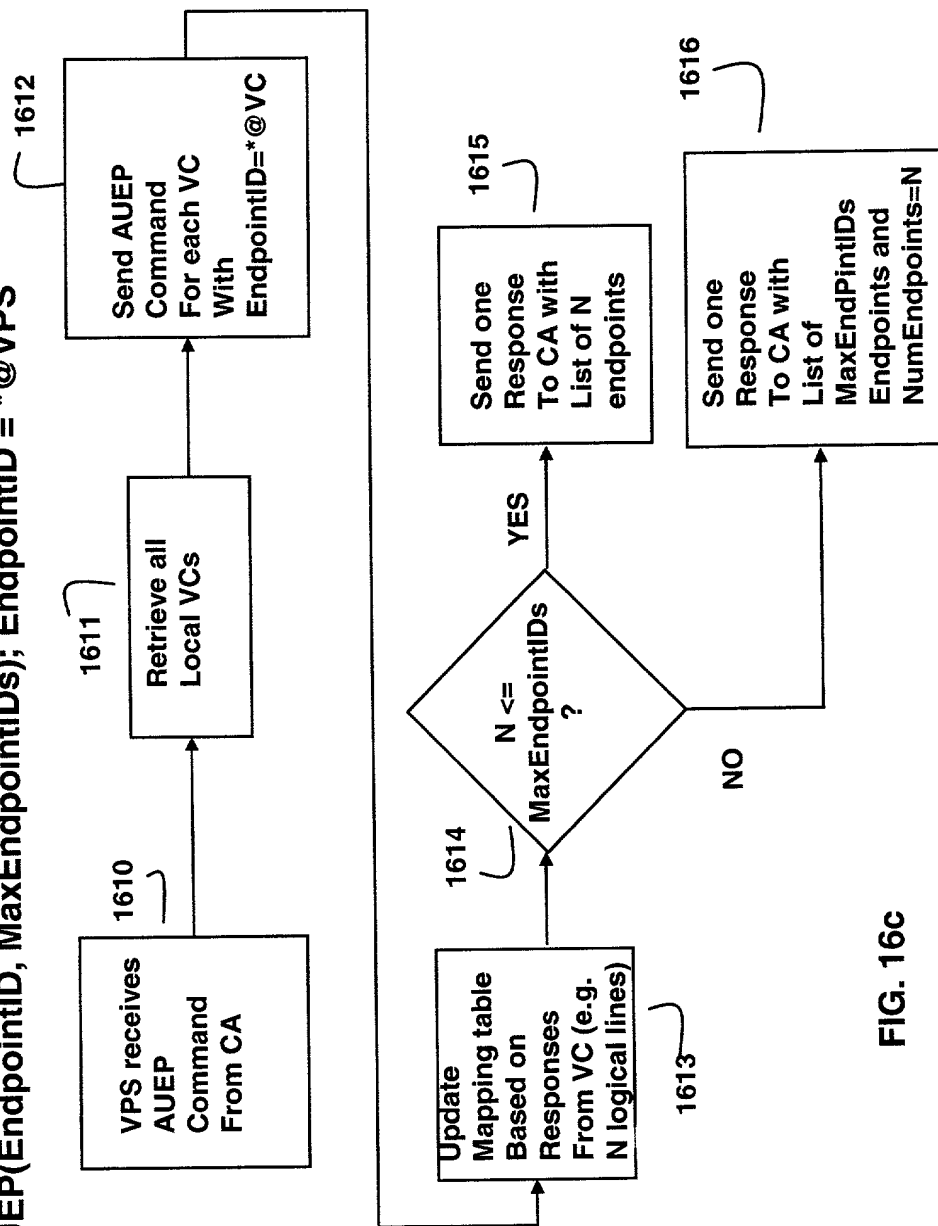


FIG. 16c

Audit Multiple Endpoints **AUEP(EndpointID, SpecificEndpointIDs, MaxEndPointIDs); EndpointID = *@VPS**

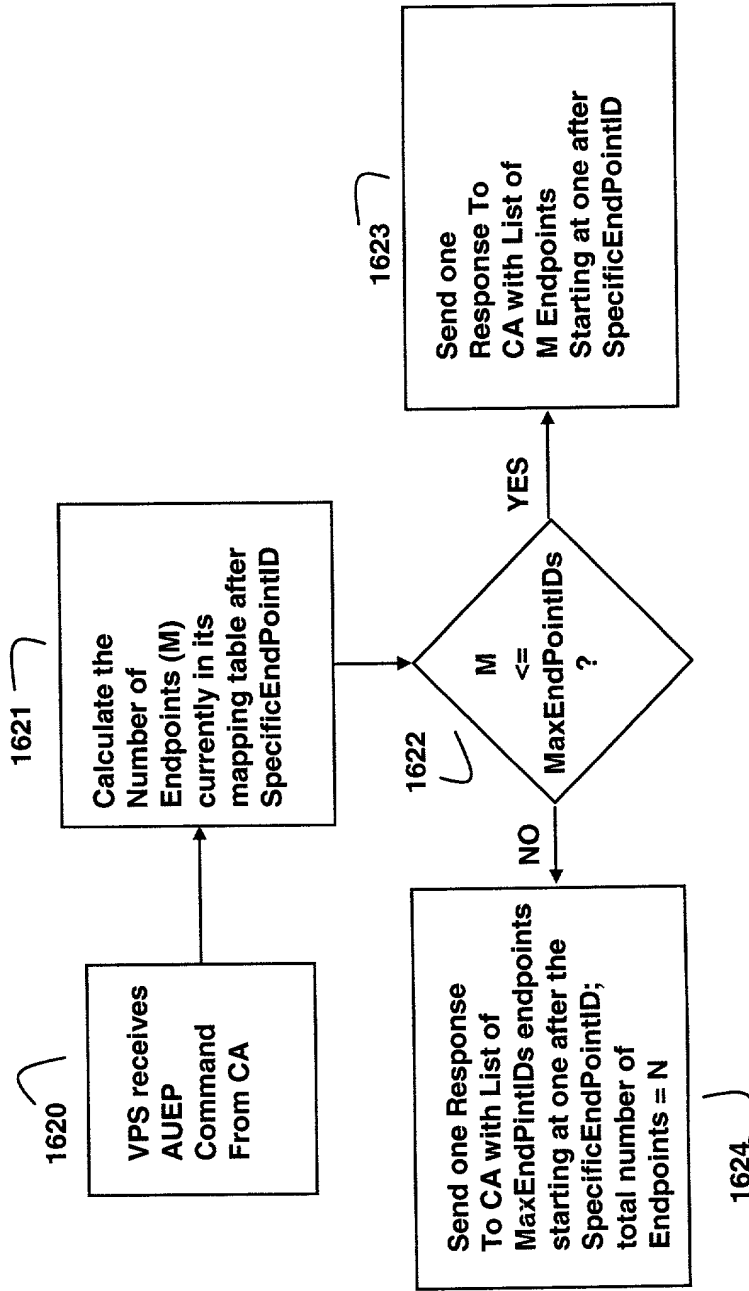


FIG. 16d

Audit Multiple Endpoints
AUEP(EndpointID, SpecificEndpointIDs); EndpointID = *@VPS

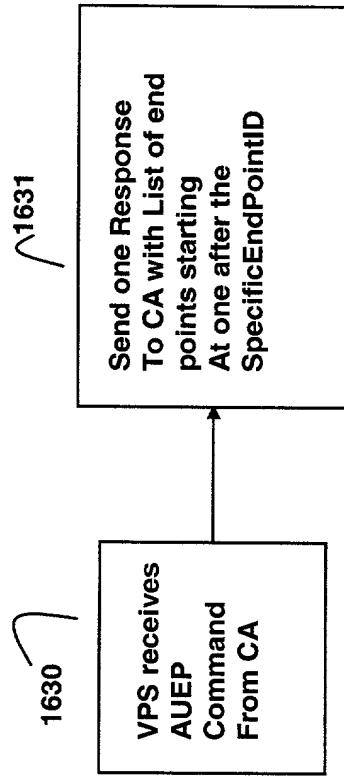
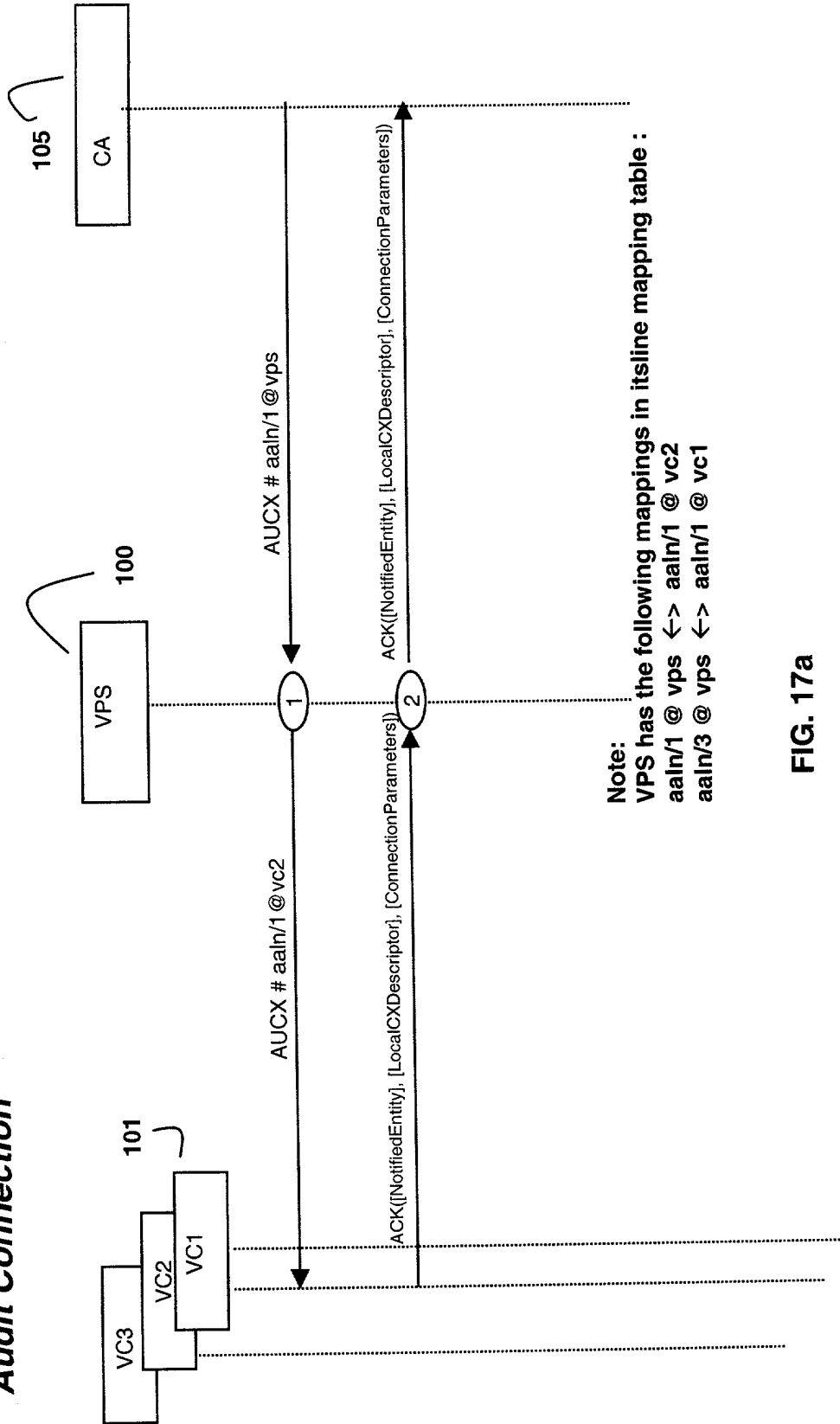


FIG. 16e

Audit Connection



Note:
VPS has the following mappings in itsline mapping table :
aaln/1 @ vps ↔ aaln/1 @ vc2
aaln/3 @ vps ↔ aaln/1 @ vc1

FIG. 17a

Audit Connection
AUCX(EndpointID, [RequestedInfo]); EndpointID = single endpoint

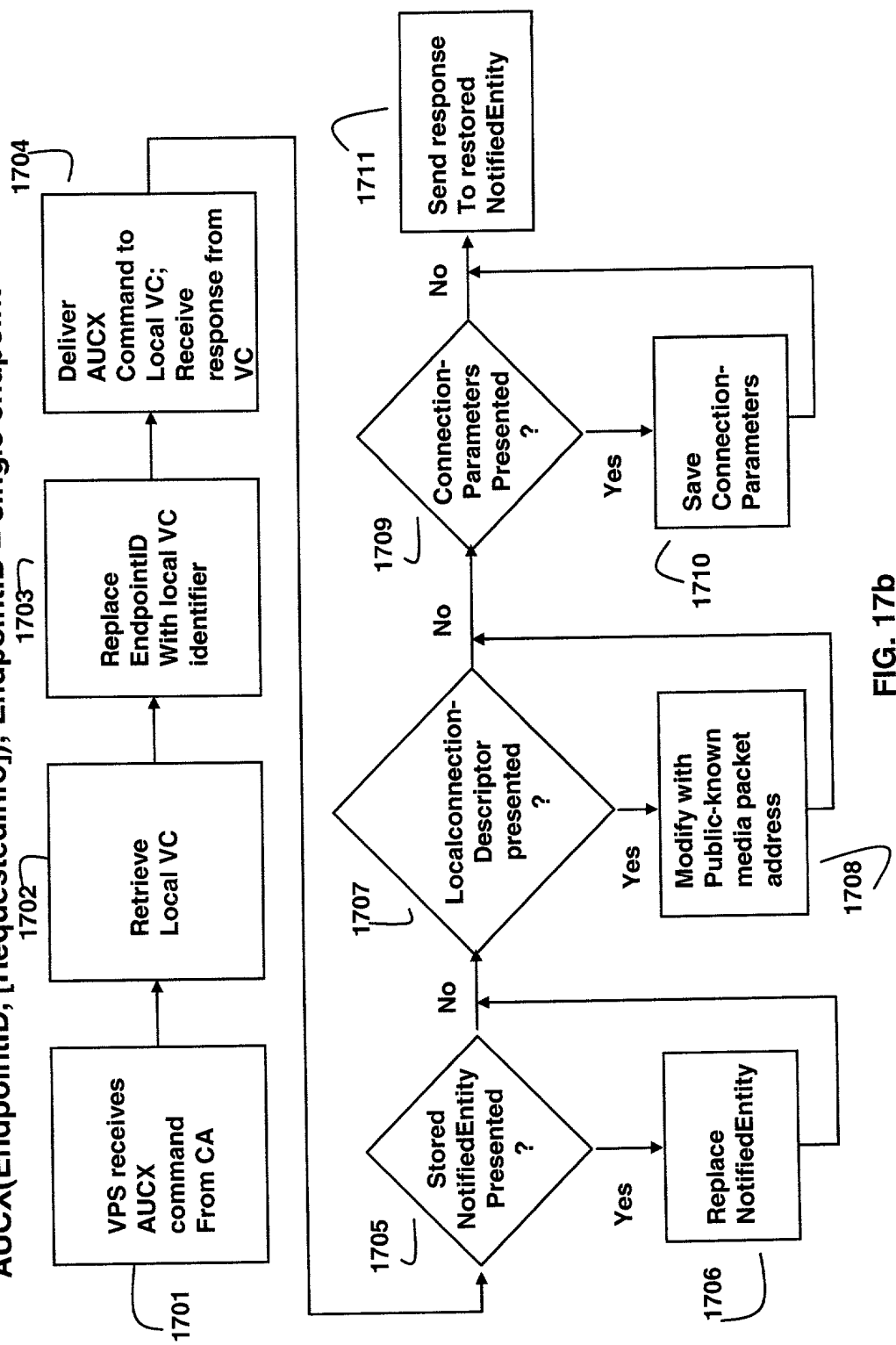


FIG. 17b